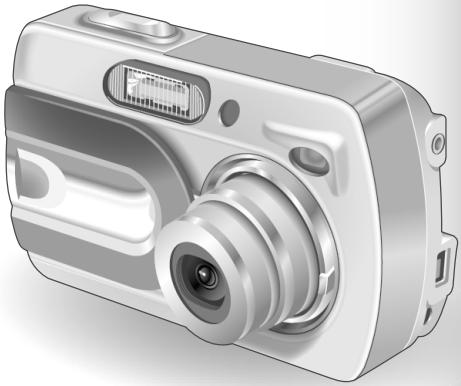
FUJIFILM

digital
Tools for the imagination.

xD-Picture Card™ Exif Print PictBridge Designed for Microsoft® Windows® XP

1 Getting Ready
2 Using the Camera
3 Advanced Features
4 Settings
5 Software Installation
6 Viewing Images



DIGITAL CAMERA
FinePix A330
DIGITAL CAMERA
FinePix A340

OWNER'S MANUAL

This manual will show you how to use your
FUJIFILM DIGITAL CAMERA FinePix A330/FinePix A340 correctly.
Please follow the instructions carefully.

BL00359-201(1) E

Warning

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

For customers in the U.S.A.

Tested To Comply
With FCC Standards
FOR HOME OR OFFICE USE

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void the user's authority to operate the equipment.

Notes on the Grant:
To comply with Part 15 of the FCC rules, this product must be used with a Fujifilm-specified ferrite-core A/V cable, USB cable and DC supply cord.

For customers in Canada

CAUTION

This Class B digital apparatus complies with Canadian ICES-003.

Please read the Safety Notes (➡P.87) and make sure you understand them before using the camera.

IMPORTANT

Be sure to read this page before using the Software.

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    This Agreement shall be governed by and construed in accordance with laws of Japan.

EC Declaration of Conformity

We
Name: Fuji Photo Film (Europe) G.m.b.H.
Address: Heesenstrasse 31
40549 Dusseldorf, Germany

declare that the product
Product Name: FUJIFILM DIGITAL CAMERA FinePix A330/FinePix A340
Manufacture's Name: Fuji Photo Film Co., Ltd.
Manufacture's Address: 26-30, Nishiazabu 2-chome, Minato-ku,
Tokyo 106-8620, Japan

is in conformity with the following Standards
Safety: EN60065
EMC: EN55022: 1998 Classe B
EN55024: 1998
EN61000-3-2: 1995 + A1:1998 + A2:1998

following the provision of the EMC Directive (89/336/EEC, 92/31/EEC and 93/68/EEC) and Low Voltage Directive (73/23/EEC).

CE

Dusseldorf, Germany — Place
February 1, 2004 — Date
Signature/Managing Director

Bij dit produkt zijn batterijen geleverd. Wanneer deze leeg zijn, moet u ze niet weggooien maar inleveren als KCA

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Preface

■ Test Shots Prior to Photography

For important photographs (such as weddings and overseas trips), always take a test shot and view the image to make sure that the camera is working normally.

- Fuji Photo Film Co., Ltd. cannot accept liability for any incidental losses (such as the costs of photography or the loss of income from photography) incurred as a result of faults with this product.

■ Notes on Copyright

Images recorded using your digital camera system cannot be used in ways that infringe copyright laws without the consent of the owner, unless intended only for personal use. Note that some restrictions apply to the photographing of stage performances, entertainments and exhibits, even when intended purely for personal use. Users are also asked to note that the transfer of **xD-Picture Card** containing images or data protected under copyright laws is only permissible within the restrictions imposed by those copyright laws.

■ Liquid Crystal

If the LCD monitor is damaged, take particular care with the liquid crystal in the monitor. If any of the following situations arise, take the urgent action indicated.

- If liquid crystal comes in contact with your skin
  Wipe the area with a cloth and then wash thoroughly with soap and running water.
- If liquid crystal gets into your eye
  Flush the affected eye with clean water for at least 15 minutes and then seek medical assistance.
- If liquid crystal is swallowed
  Flush your mouth thoroughly with water. Drink large quantities of water and induce vomiting. Then seek medical assistance.

■ Notes on Electrical Interference

If the camera is to be used in hospitals or aircrafts, please note that this camera may cause interference to other equipment in the hospital or aircraft. For details, please check with the applicable regulations.

■ Handling Your Digital Camera

This camera contains precision electronic components. To ensure that images are recorded correctly, do not subject the camera to impact or shock while an image is being recorded.

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- Microsoft, Windows, and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries. Windows is an abbreviated term referring to the Microsoft® Windows® Operating System.

✻ The “Designed for Microsoft® Windows® XP” logo refers to the camera and the driver only.

- Other company or product names are trademarks or registered trademarks of the respective companies.

■ Explanation of Color Television System

NTSC: National Television System Committee, color television telecasting specifications adopted mainly in the U.S.A., Canada and Japan.

PAL: Phase Alternation by Line, a color television system adopted mainly by European countries and China.

■ Exif Print (Exif ver. 2.2)

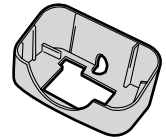
Exif Print Format is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.

Accessories included

- **16 MB, xD-Picture Card™ (1)**
  Included with: Anti-static case (1)

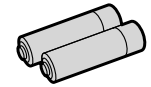
- **Strap (1)**

- **Cradle adapter for FinePix A330/FinePix A340 (1)**

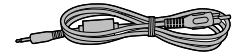


Use this adapter for setting camera to the optional PictureCradle CP-FXA10 (See P.73).

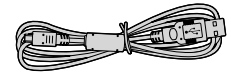
- **LR6 AA-size alkaline Batteries (2)**



- **Video cable (1)**
  2.5 mm dia. plug-to-pin plug
  Approx. 1.5 m (4.9 ft.)



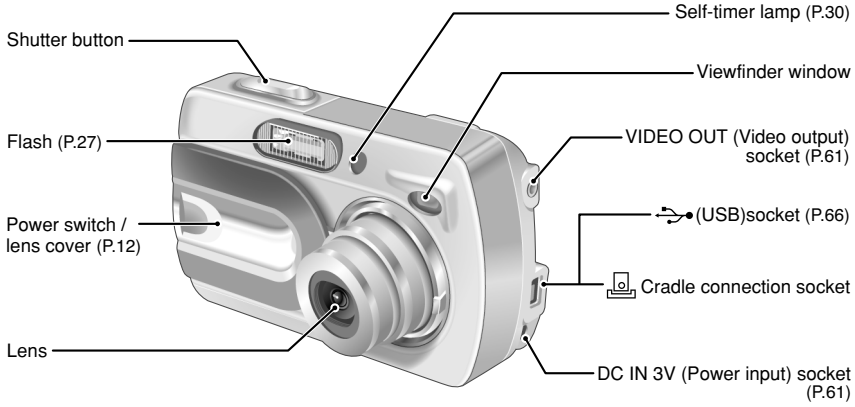
- **USB cable with Noise Suppression core (1)**

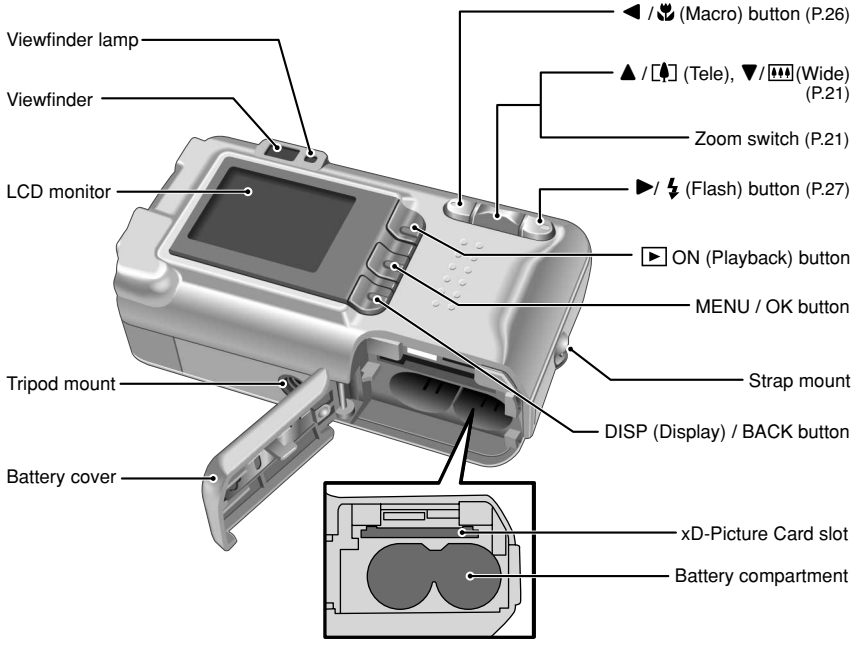


- **CD-ROM: Software for FinePix AX (1)**
- **Owner’s Manual (this manual) (1)**

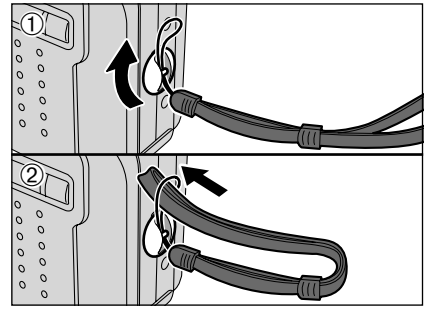
Camera parts and features

✻ Refer to the pages in parentheses for information on using the camera parts or features.



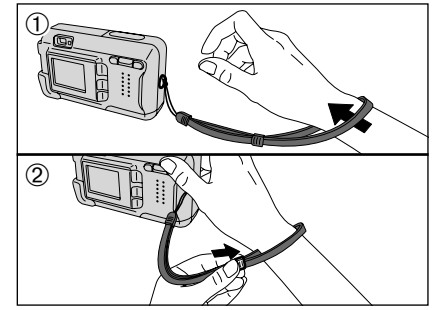


Attaching the strap



Attach the strap as shown in ① and ②.

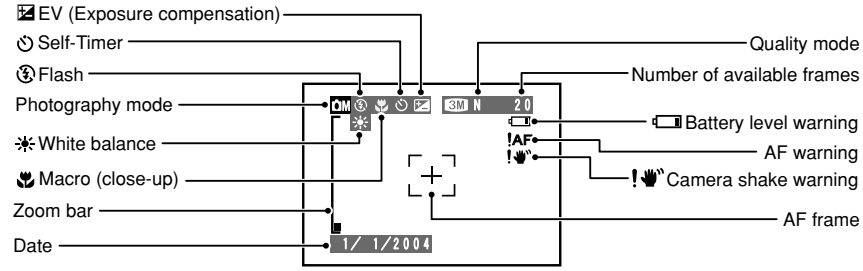
Using the strap



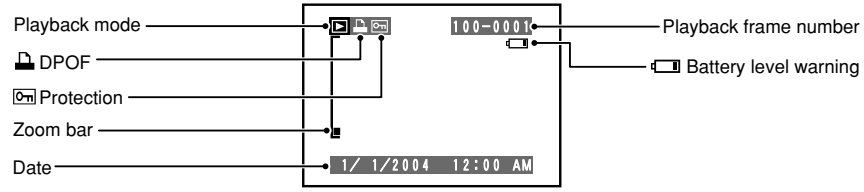
① Loop the strap over your wrist.
② To avoid dropping the camera, secure the strap around your wrist by sliding the fastener to adjust the length.

Example of LCD Monitor text display

■ Still photography mode



■ Playback mode



◆ Displaying the On-screen Help ◆

Instructions for the next step in the procedure are displayed at the bottom of the LCD monitor. Press the button indicated.

OK YES BACK CANCEL

Press the “MENU/OK” button to erase the displayed frame. To cancel erasing, press the “DISP/BACK” button.

LOADING THE BATTERIES AND THE MEDIA

Compatible batteries

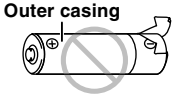
- AA-size alkaline batteries (2), Rechargeable Battery NH-10 (sold separately), or AA-size Ni-MH batteries (sold separately) (2).

Please use the same brand and grade AA-size alkaline batteries as those supplied with the camera.

◆ How to use the batteries ◆

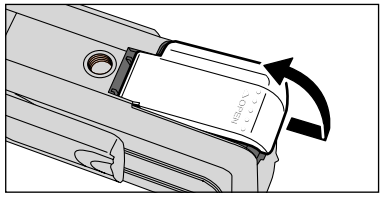
- Never use the following types of batteries, as this could cause serious problems such as batteries fluid leakage or overheating:
  1. Batteries with split or peeling outer casings
  2. Combinations of different types of batteries or new and used batteries together

Outer casing



- Do not use manganese or Ni-Cd batteries.
- Soil, such as fingermarks on the poles of the batteries can shorten time for which the batteries can be used.
- The time for which AA-size alkaline batteries (referred to hereafter simply as alkaline batteries) can be used varies depending on the brand, and some alkaline batteries may stop providing power more quickly than those supplied with the camera. Note also that due to their nature, the time for which alkaline batteries can be used decreases in cold conditions (0°C to +10°C/+32°F to +50°F). The use of AA-size Ni-MH batteries is better for this reason.
- Cradle can be used in combination with camera and to charge rechargeable Battery NH-10 (sold separately). Use Fujifilm Battery charger (sold separately) to charge AA-size Ni-MH batteries.
- **See P.74, 75 for other notes on using batteries.**
- **When first purchased or if left unused for a long period, the time for which AA-size Ni-MH batteries or rechargeable Battery NH-10 can be used may be shorter. See P.75 more information.**
- When the surfaces of the Rechargeable Battery NH-10 terminals have become worn through repeated use or the battery has been taken out of the camera and left for a long period, the battery may stop supplying power or may become usable only for shorter periods.
  To restore normal battery operation, open and close the battery cover several times to dislodge any soiling on the terminals.

1



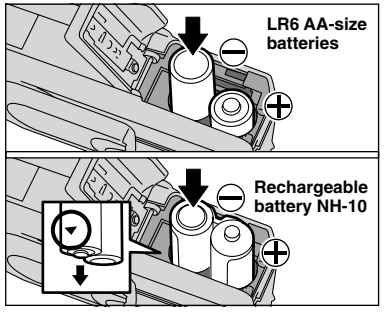
Check that the camera is turned off (viewfinder lamp is off) before opening the battery cover.

Opening the battery cover while the camera is on, the camera is turned off.

Do not apply force to the battery cover.

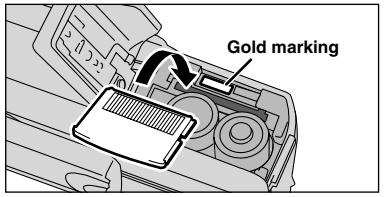
Do not open the battery cover while the camera is on. This could damage the **xD-Picture Card** or ruin the image files on the **xD-Picture Card**.

2



Load the batteries correctly as indicated by the polarity icons.

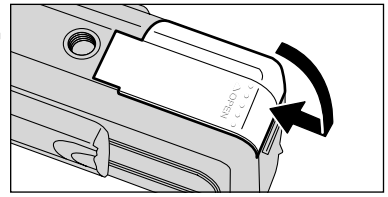
3



Align the gold marking on the xD-Picture Card slot with the gold contact area on the **xD-Picture Card** and push the card firmly all the way into the slot.

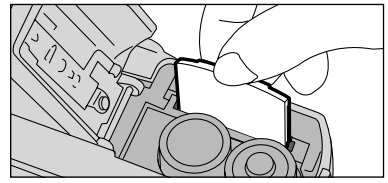
If the **xD-Picture Card** is oriented incorrectly, it will not go all the way into the slot. Do not apply excessive force when inserting an **xD-Picture Card**.

4



Close the battery cover.

◆ How to replace the xD-Picture Card ◆

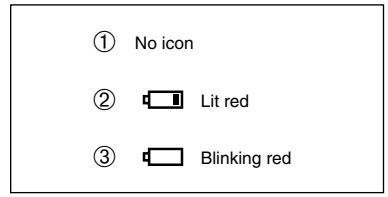


Pull out the **xD-Picture Card**, taking care that the batteries do not fall out.

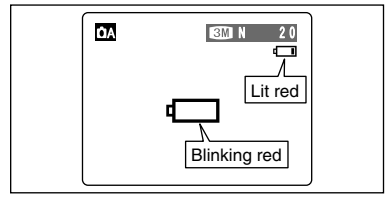
If the **xD-Picture Card** is difficult to remove, take out the batteries first.

Checking the battery charge

Turn the camera on and check the battery charge.



① There is ample battery charge.
② There is insufficient charge left in the batteries. The batteries will soon run out. Have a new set of batteries ready.
③ The batteries are depleted. The display will shortly go blank and the camera will stop working. Replace or recharge the batteries.



"▭" appears as a small icon on the right-hand side of the LCD monitor. "▭" appears as a large icon on the LCD monitor.

The information above is a guide for photography mode. Depending on the camera mode and the type of batteries used, the transition from "▭" to "▭" may occur more quickly.

Due to the nature of the battery, the battery low warning may appear early when the camera is used in cold locations. This is normal. Try warming the batteries in your pocket or a similar location before use.

✻ Battery level warning

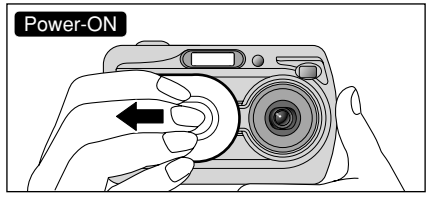
1) The camera's estimation of the remaining battery charge varies greatly depending on the camera operation mode. Consequently, even if "▭" or "▭" is not displayed in Playback mode, one of them may appear when you change to Photography mode.
2) Depending on the battery type and the level of charge in the batteries, the camera may run out of power without first displaying a battery level warning. This is particularly to happen when batteries that have run out of charge once are re-used.
   In situation 2), immediately load new or fully charged replacement batteries.

◆ Power save function ◆

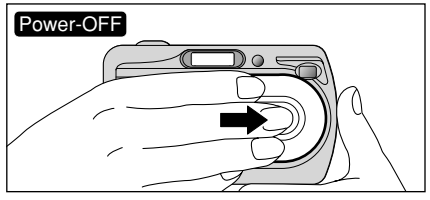
When this function is active, it turns off the LCD monitor to reduce power consumption if the camera is not used for 30 seconds (➡P.50). If the camera is then left unused for 2 minutes or 5 minutes, the Power save function turns the camera off. To restore power to the camera to take pictures, briefly close and then re-open the lens cover completely so that it makes two successive clicks and will not move further. To play back images, close the lens cover until it stops and then hold down the "Playback" button for approx. 1 second.

TURNING ON AND OFF

Turn the camera on in Photography mode

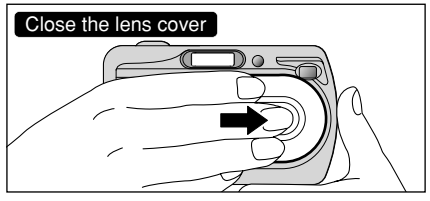


Open the lens cover completely so that it makes two successive clicks and will not move further. The camera is turned on in Photography mode.

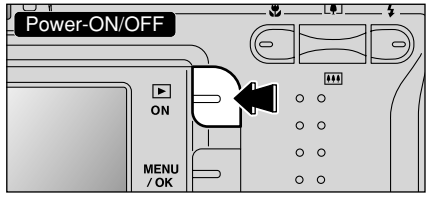


Close the lens cover until it stops. The camera is turned off in Photography mode.

Turn the camera on in Playback mode



Leave the lens cover closed.

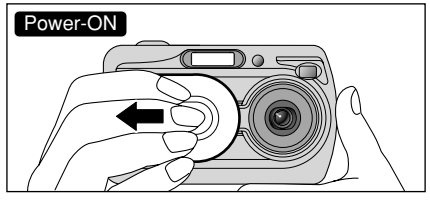


Press the “Playback” button for approx. 1 second to turn the camera on in Playback mode. Press the “Playback” button during playback to turn the camera off.

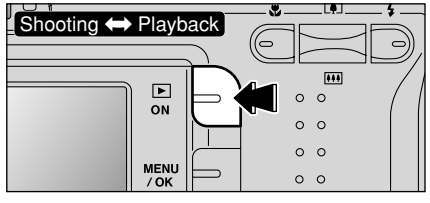
◆ Power save function ◆

When this function is active, it turns off the LCD monitor to reduce power consumption if the camera is not used for 30 seconds (➡P.50). If the camera is then left unused for 2 minutes or 5 minutes, the Power save function turns the camera off. To restore power to the camera to take pictures, briefly close and then re-open the lens cover completely so that it makes two successive clicks and will not move further. To play back images, close the lens cover until it stops and then hold down the “Playback” button for approx. 1 second.

Move to Photography mode or Playback mode



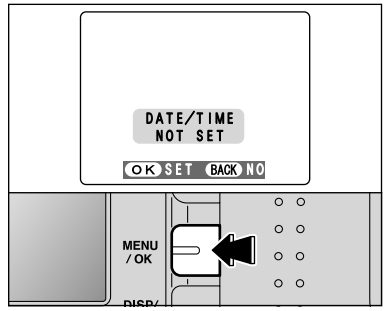
Open the lens cover to turn the camera on in Photography mode.



Press the “Playback” button for approx. 1 second during shooting to change to Playback mode.
Press the “Playback” button for approx. 1 second again to return to Photography mode.

SETTING THE DATE AND TIME

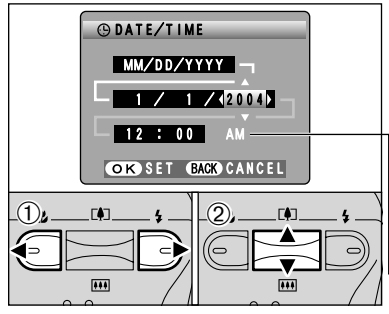
1



After purchasing the camera, first time when you turn camera on, the date and time are cleared. Press the “MENU/OK” button to set the date and time.

- To set the date and time later, press the “DISP/BACK” button.
- If you do not set the date and time, this message will appear each time you turn the camera on.

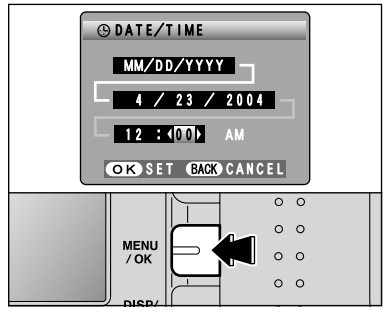
2



① Press “◀” or “▶” to select Year, Month, Day, Hour or Minute.
② Press “▲” or “▼” to correct the setting.

- Holding down “▲” or “▼” changes the numbers continuously.
- When the time displayed passes “12:00”, the AM/PM setting changes.

3

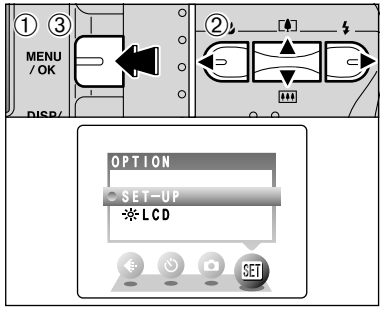


Once you have set the date and time, press the “MENU/OK” button. Pressing the “MENU/OK” button changes the camera to Photography or Playback mode.

- At the time of purchase and after you leave the camera for a long period with the batteries removed, settings such as the date and time are cleared. Once the AC power adapter has been connected or the batteries have been loaded for 30 minutes or more, the camera settings will be retained for roughly 3 hours even when the camera has no power (batteries removed and AC power adapter disconnected).

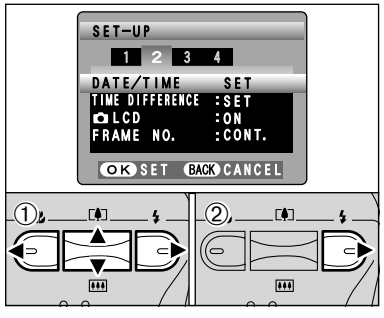
CORRECTING THE DATE AND TIME / CHANGING THE DATE ORDER

1



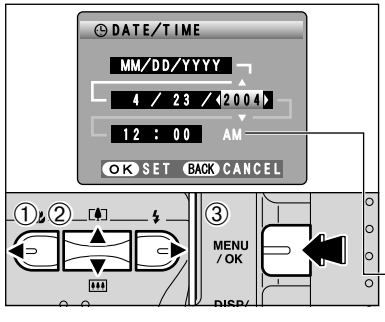
① Press the “MENU/OK” button.
② Press “◀” or “▶” to select “SET” OPTION and then press “▲” or “▼” to select “SET-UP”.
③ Press the “MENU/OK” button.

2



① Press “◀” or “▶” to move to option 2 and then Press “▲” or “▼” to select “DATE/TIME”.
② Press “▶”.

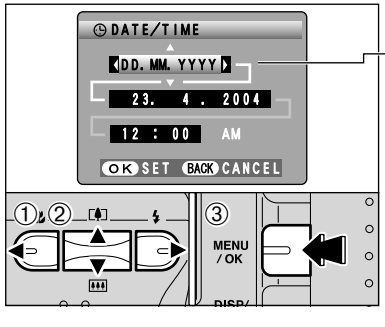
3



Correcting the date and time

① Press “◀” or “▶” to select Year, Month, Day, Hour or Minute.
② Press “▲” or “▼” to correct the setting.
③ **Always press the “MENU/OK” button to complete the settings.**

- Holding down “▲” or “▼” changes the numbers continuously.
- When the time displayed passes “12:00”, the AM/PM setting changes.



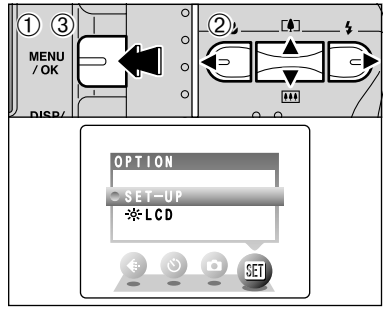
Changing the date order

① Press “◀” or “▶” to select the date order.
② Press “▲” or “▼” to set the date order. Refer to the table below for details of the settings.
③ **Always press the “MENU/OK” button to complete the settings.**

Date order	Explanation
YYYY.MM.DD	Displays the date in the “year.month. day” format.
MM/DD/YYYY	Displays the date in the “month/day/ year” format.
DD.MM.YYYY	Displays the date in the “day.month. year” format.

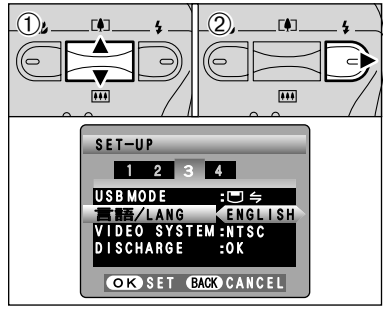
SELECTING THE LANGUAGE

1



① Press the “MENU/OK” button to display the menu on the LCD monitor.
② Press “▲”, “▼”, “◀” or “▶” to select “SET-UP” from the “SET” OPTION menu.
③ Press the “MENU/OK” button.

2



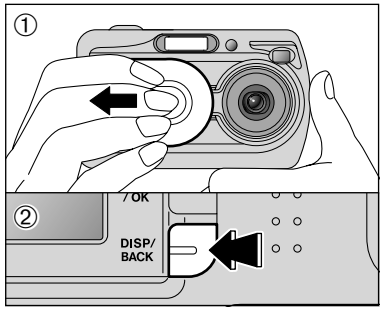
① The “SET-UP” screen appears. Press “▲” or “▼” to select “言語/LANG.”.
② Press “▶” to select “日本語”, “ENGLISH”, “FRANCAIS”, “DEUTSCH”, “ESPAÑOL” or “中文”. Press “▶” to cycle through the language settings.

- The screens in this manual are shown in English.
- See P.49 for more information on the “SET” OPTION menu.

STILL PHOTOGRAPHY MODE

TAKING PICTURES (AUTO MODE)

1

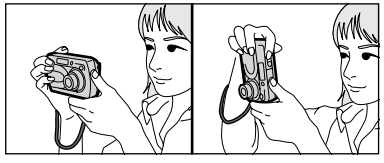


① Open the lens cover.
② To take pictures using the viewfinder, press the "DISP/BACK" button to turn the LCD monitor off (turning the LCD monitor off conserves battery power).

- **Focal range:** Approx. 60 cm (2.0 ft.) to infinity

- Use Macro mode for subjects closer than 60 cm (2.0 ft.) (➡P.26).
- The LCD monitor cannot be turned off in Macro mode.
- If "CARD ERROR", "NO CARD", "CARD FULL" or "CARD NOT INITIALIZED" appears, see P.78.

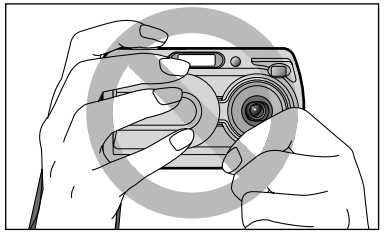
2



Brace your elbows against your sides and hold the camera with both hands. Position your right thumb so that it is handy for using the zoom.

- Moving the camera while shooting gives a blurred picture (camera shake). Use a tripod to avoid camera shake, particularly for shots in the dark when the selected flash mode is Suppressed flash.
- There may be some unevenness in the brightness at the lower edge of the LCD monitor. This is normal and does not affect the image.

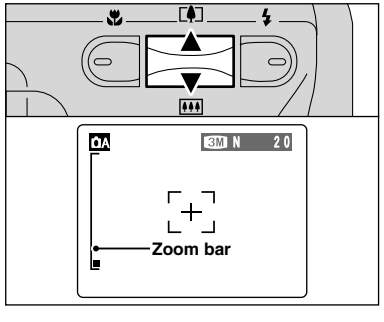
3



Hold the camera so that your fingers or the strap do not cover the lens or flash. If the lens or flash is obscured, the brightness (exposure) of your shot may be incorrect.

- Check that the lens is clean. If it is dirty, clean the lens as described on P.74.
- If the flash is used in very dusty conditions or when it is snowing, white dots may appear in the image due to flash reflecting off dust particles or snowflakes. Use Suppressed flash mode.

4

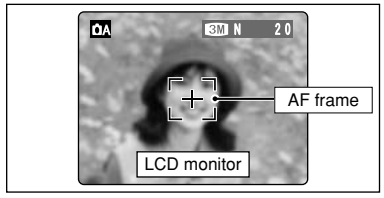


To zoom in on your subject, press Zoom switch "▲" (telephoto). To zoom out, press "▼" (wide-angle). A "zoom bar" appears on the LCD monitor.

- **Optical zoom focal length (35 mm camera equivalent)**
  Approx. 38 mm-114 mm
  Maximum zoom scale: 3×

- Zooming stops briefly when the camera changes between optical zoom and digital zoom (➡P.21). Press the same Zoom switch again to change zoom modes.

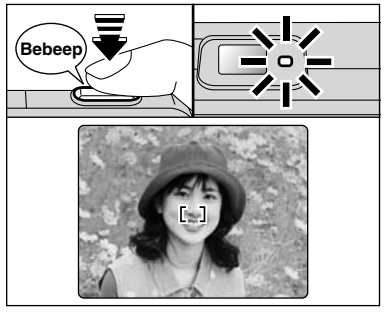
5



Use the LCD monitor to frame the shot so that the subject fills the entire AF (Auto Focus) frame.

- When the subject is not in the AF frame, use AF/AE lock to take the picture (➡P.20).
- The image on the LCD monitor before the picture is taken may differ in brightness, color, etc. from the image actually recorded. Play back the recorded image to check it (➡P.22).

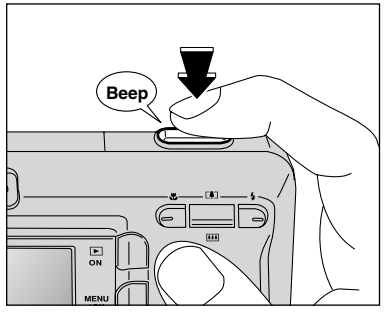
6



Press the Shutter button down halfway. The camera emits a short double-beep and focuses on your subject. The AF frame on the LCD monitor becomes smaller (the viewfinder lamp (green) stops blinking and remains lit).

- If the camera does not emit a short double-beep and "!AF" appears on the LCD monitor, the camera cannot focus.
- Pressing the Shutter button down halfway freezes the image on the LCD monitor briefly. This is not the recorded image.
- If "!AF" appears on the LCD monitor (e.g. the shot is too dark for the camera to focus), stand about 2 m (6.6 ft.) from your subject to take the picture.

7



To take the picture, press the Shutter button down fully without lifting your finger off. The camera beeps and takes the picture. The data is then recorded.

- There is a slight delay between the Shutter button being pressed and the picture being taken. Playback the shot to check the image.
- When pressing the Shutter button down fully in one motion, the camera takes the picture without the AF frame changing.
- When the camera takes the picture, the viewfinder lamp lights orange (shooting disabled). The viewfinder lamp then turns green and the next picture can be taken.
- The viewfinder lamp blinks orange while the flash is charging. If the LCD monitor is turned on, the screen goes dark. This is normal.
- See P.78, 79 for information on the warning displays.

◆ Subjects not suitable for autofocus ◆

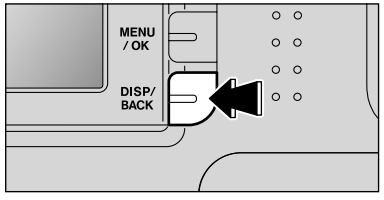
The FinePix A330/FinePix A340 uses a high-precision autofocusing mechanism. However, it may have difficulty focusing on the following:

- Very shiny subjects such as a mirror or car body
- Subjects photographed through glass
- Subjects that do not reflect well, such as hair or fur
- Subjects with no substance, such as smoke or flames
- Dark subjects
- Subjects with little or no contrast between the subject and the background (such as white walls or subjects dressed in the same color as the background)
- Fast moving subjects
- Shots where another high-contrast object (not the subject) is close to the AF frame and is either closer or further away than your subject (such as a shot of someone against a background with strongly contrasting elements)

For such subjects, use AF/AE lock (➡P.20).

USING VIEWFINDER

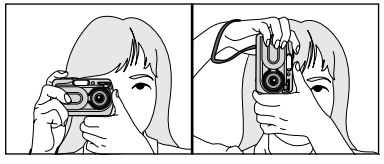
1



To take pictures using the viewfinder, press the "DISP/BACK" button to turn the LCD monitor off (Turning the LCD monitor off conserves battery power).

- The viewfinder cannot be used to take pictures in Macro mode.

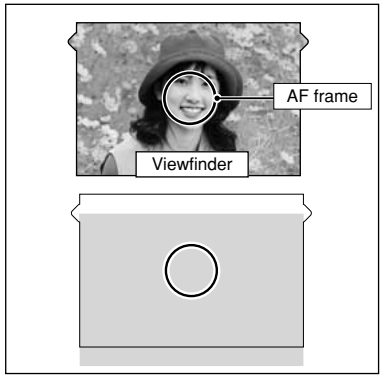
2



Brace your elbows against your sides and hold the camera with both hands. Position of your right thumb so that it is handy for using the zoom.

- Moving the camera while shooting gives a blurred picture (camera shake). Use a tripod to avoid camera shake, particularly for shots in the dark when the selected flash mode is Suppressed flash.

3



Position the AF frame in the center of the viewfinder over the subject to set the focus.
If the subject is between 0.6 m and 1.5 m (2.0 ft. and 4.9 ft.) away, the area marked by "□" in the figure is photographed.

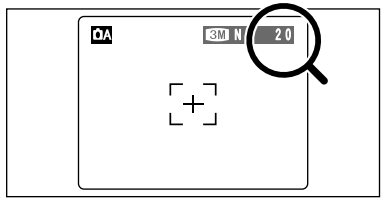
- For more precise shot framing, use the LCD monitor to take the picture.

VIEWFINDER LAMP DISPLAY

Display	Status
Lit green	Ready to shoot
Blinking green	AF/AE in progress, camera shake warning or AF warning (Ready to shoot)
Blinking green and orange alternately	Recording to **xD-Picture Card** (Ready to shoot)
Lit orange	Recording to **xD-Picture Card** (Not ready)
Blinking orange	Flash charging (Flash will not fire)
Blinking green (1-second intervals)	Camera in Power Save mode (➡P.50)
Blinking red	● **xD-Picture Card** Warnings No card loaded, card not formatted, incorrect format, card full, **xD-Picture Card** error ● Lens operation error

✻ When the LCD monitor is switched on, more detailed warning messages are displayed (➡P.78-79).

NUMBER OF AVAILABLE FRAMES



The number of available frames appears on the LCD monitor.

- See P.29 for information on changing the quality setting.
- The default quality "" set at shipment is "3M N" (FinePix A330),"4M N" (FinePix A340).

■ Standard number of frames per xD-Picture Card

The table below shows the standard number of frames for a new **xD-Picture Card** formatted on the camera. The larger the **xD-Picture Card** capacity, the bigger the difference between the actual number of frames and the number shown here. Also, the size of an image file varies depending on the subject. So the number of remaining shots may decrease by 2 or may remain the same. For this reason, the number displayed may not show the actual number of frames.

FinePix A330

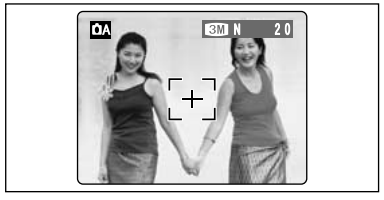
Quality setting	3M 3M		2M 2M	1M 1M
Number of recorded pixels	2016 × 1512		1600 × 1200	1280 × 960
	FINE 1.5 MB	NORMAL 760 KB		
DPC-16 (16 MB)	10	20	25	33
DPC-32 (32 MB)	20	41	50	68
DPC-64 (64 MB)	42	82	101	137
DPC-128 (128 MB)	84	166	204	275
DPC-256 (256 MB)	169	332	409	550
DPC-512 (512 MB)	339	665	818	1101

FinePix A340

Quality setting	4M 4M		2M 2M	1M 1M
Number of recorded pixels	2272 × 1704		1600 × 1200	1280 × 960
	FINE 1.9 MB	NORMAL 960 KB		
DPC-16 (16 MB)	8	16	25	33
DPC-32 (32 MB)	16	32	50	68
DPC-64 (64 MB)	33	66	101	137
DPC-128 (128 MB)	66	132	204	275
DPC-256 (256 MB)	134	266	409	550
DPC-512 (512 MB)	268	532	818	1101

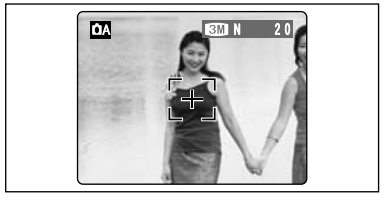
USING AF/AE LOCK

1



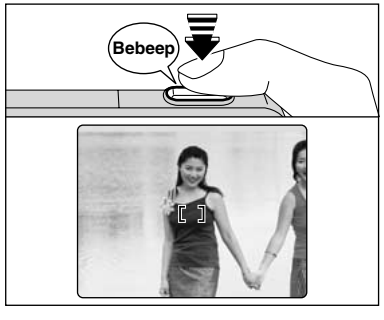
In this shot, the subjects (two people in this case) are not in the AF frame. Taking the picture at this point will result in the subjects being out of focus.

2



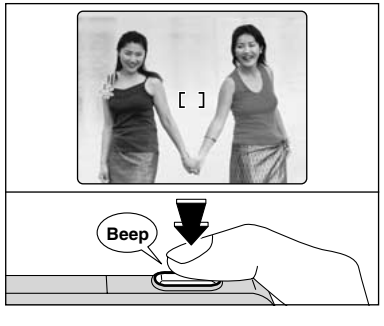
Move the camera slightly so that one of the subjects is in the AF frame.

3



Press the Shutter button down halfway (AF/AE lock). Focusing is complete when the AF frame on the LCD monitor becames smaller and the viewfinder lamp (green) stops blinking and remains lit.

4



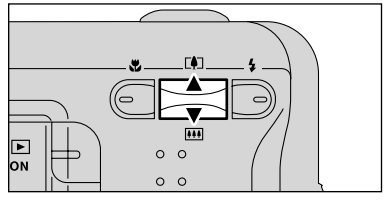
Continue to hold the Shutter button down halfway (AF/AE lock). Move the camera back to the original image and press the Shutter button fully.

- AF/AE lock can be applied repeatedly before the shutter is released.
- Use AF/AE lock in all photography modes to ensure excellent results.

◆ AF (Autofocus)/AE (Auto-exposure) lock ◆

On the FinePix A330/FinePix A340, pressing the Shutter button down half way locks the focus and exposure settings (AF/AE lock). To focus on a subject that is off to one side or to set the exposure before composing the final shot, locks the AF and AE settings. Then compose and take the picture to get the best results.

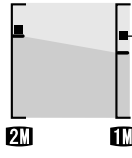
USING THE ZOOM (OPTICAL ZOOM/DIGITAL ZOOM)



Press the "▲ ([])" or "▼ ([])" switch to zoom in or out. The digital zoom can be used with the "2M" and "1M" quality mode setting.
When zooming changes between optical and digital, the "■" indicator stops. Press the same Zoom switch again to start the "■" indicator moving again.

- The digital zoom cannot be used with the "3M" (FinePix A330), "4M" (FinePix A340) setting.
- See P.29 for information on changing the quality mode.
- If the shot goes out of focus during zooming, hold the Shutter button down halfway to refocus the shot.

Zoom bar display



The position of the "■" indicator on the zoom bar shows the zooming status.
The area to the above of the separator indicates digital zooming, while the area to the below indicates optical zooming.

✻ Screen for FinePix A330

- **Optical zoom focal length***
  Approx. 38 mm-114 mm, max. zoom scale: 3×
- **Digital zoom focal lengths***

■ FinePix A330

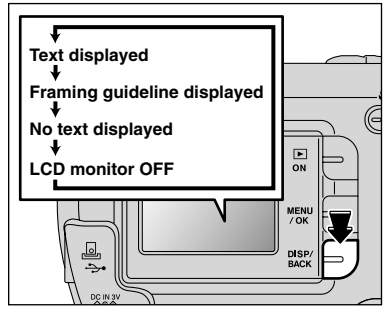
	Digital zoom focal distance	Maximum zoom scale
3M	Cannot be used	
2M	Equivalent to approx. 114 mm-148 mm	Approx. 1.3×
1M	Equivalent to approx. 114 mm-182 mm	Approx. 1.6×

■ FinePix A340

	Digital zoom focal distance	Maximum zoom scale
4M	Cannot be used	
2M	Equivalent to approx. 114 mm-160 mm	Approx. 1.4×
1M	Equivalent to approx. 114 mm-194 mm	Approx. 1.7×

✻ 35 mm camera equivalents

BEST FRAMING

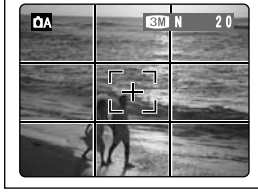


Select framing guideline function in Photography mode.
Pressing the "DISP/BACK" button changes the LCD monitor display. Press the "DISP/BACK" button until "Framing Guideline" appears.

◆ Important ◆

Always use AF/AE lock when composing a shot. The image may be out of focus if AF/AE lock is not used.

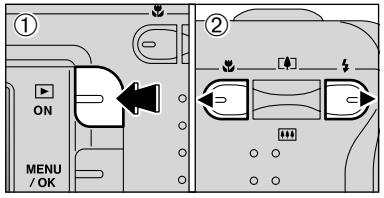
Scene



Position the main subject at the intersection of two lines in this frame or align one of the horizontal lines with the horizon. Use this frame as a guide to the subject's size and the balance of the shot while composing a shot.

- The framing guideline is not recorded on the image.
- The lines in the scene frame divide the image into 3 roughly equal parts horizontally and vertically. The resulting printed image may be shifted slightly from the scene frame.

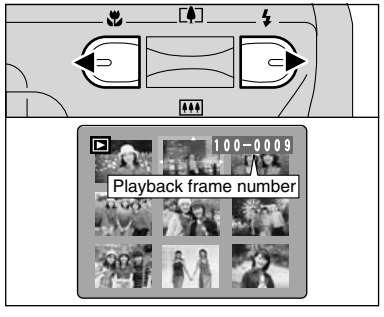
VIEWING YOUR IMAGES (PLAYBACK)



Single-frame playback

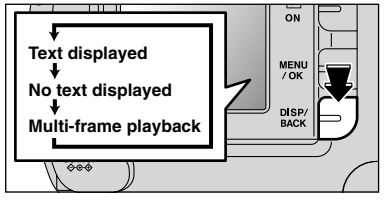
① Press the "Playback" button for approx. 1 second to change to Playback mode.
② Press "▶" to scan forward through your images and Press "◀" to scan backwards

- When the camera is set to Playback mode, the last image shot appears on the LCD monitor.
- If the lens is extended during playback, the lens automatically retracts as a protective measure if the camera is not used for approx. 6 seconds.
- When the Power save function turns the camera off, close the lens cover and then hold down the "Playback" button for approx. 1 second.



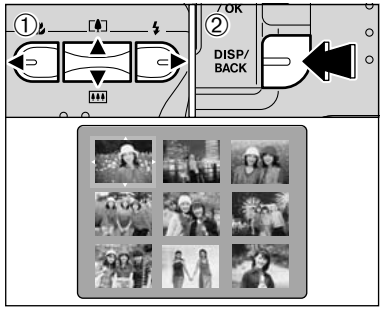
Selecting images

To select images on the thumbnail lists screen, hold down "◀" or "▶" for approx. 1 second during playback.



Multi-frame playback

In Playback mode, press the "DISP/BACK" button to change the display shown on the LCD monitor. Press the "DISP/BACK" button until the multi-frame playback screen (9 frames) appears.

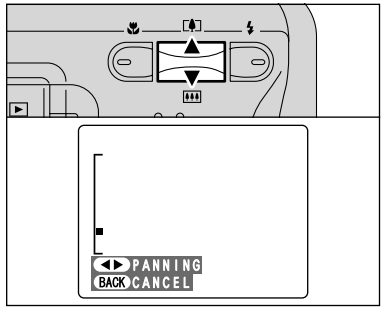


① Press "▲", "▼", "◀" or "▶" to move the cursor (orange frame) to the frame you want to select. Press "▲" or "▼" repeatedly to jump to the next page.
② Press the "DISP/BACK" button again to view an enlarged version of the image.

- The LCD monitor text display disappears after 3 seconds.
- Playback zoom cannot be used with multi-frame playback.

◆ Still images viewable on the FinePix A330/FinePix A340 ◆

This camera will display still images recorded on the FinePix A330/FinePix A340 or still images (excluding some uncompressed images) recorded on any FUJIFILM digital camera that supports **xD-Picture Card**s.

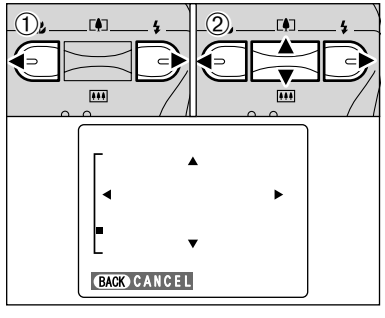


Playback zoom

Press the "▲ ([])" or "▼ ([])" switch during single-frame playback to zoom in (enlarges) or out on a still image. A zoom bar appears.
Press the "DISP/BACK" button to return to single-frame playback.

■ Zoom scales

Quality mode	Max. zoom scale
4M (2272 × 1704) ✻ FinePix A340 only	14×
3M (2016 × 1512) ✻ FinePix A330 only	13×
2M (1600 × 1200)	10×
1M (1280 × 960)	8×

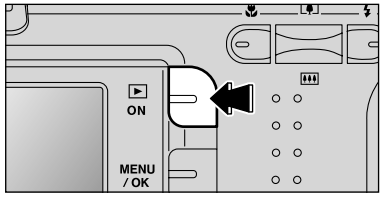


① Press "◀" or "▶" to select to "PANNING".
② Press "▲", "▼", "◀", or "▶" to display another area.
Press the "DISP/BACK" button to return to playback zoom.

PLAYBACK MODE

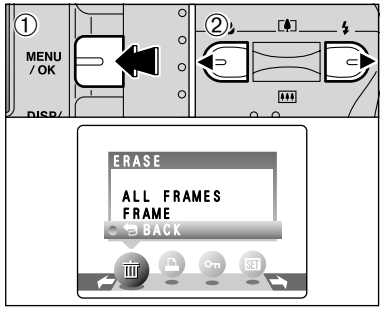
ERASING IMAGES (🗑 ERASE FRAME)

1



Press the “Playback” button for approx. 1 second to turn the camera on in Playback mode.

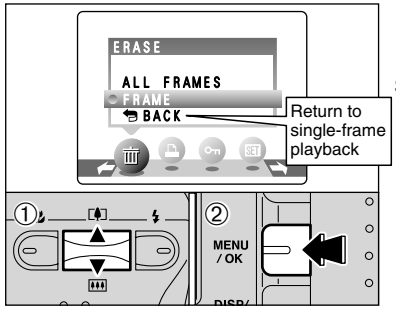
2



① Press the “MENU/OK” button during playback to display the menu.
② Press “◀” or “▶” to select “🗑” ERASE.

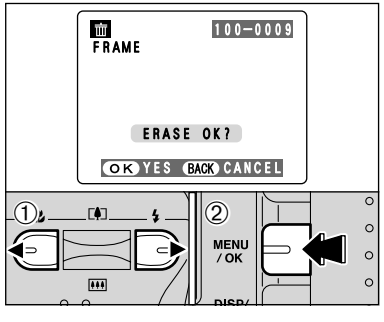
Erased frames (files) cannot be recovered. Back up important frames (files) onto your computer or another media.

3



① Press “▲” or “▼” to select “FRAME”.
② Press the “MENU/OK” button to confirm the selection.
See P.33 for information on “ALL FRAMES”.

4



① Press “◀” or “▶” to select the frame (file) to be erased.
② Press the “MENU/OK” button to erase the displayed frame (file).
To erase another image, repeat steps ① and ②.
When image erasing is completed, press the “DISP/BACK” button.

Press the “MENU/OK” button repeatedly to erase consecutive images. Take care not to erase important images.

TAKING PICTURES — SELECTING THE CAMERA SETTINGS

Consider the scene you are photographing and the sort of image you want to achieve when you specify the camera settings. A general guide is given below.

1 Select the Photography mode (➡P.31).

📷A	Auto	Leaves the “EV” and “White balance” settings to the camera.
📷M	Manual	Sets the “EV” and “White balance” to manual to easily control yourself.
	Portrait	Uses for photography getting beautiful skin tones and soft overall tone.
	Scene	Uses for shooting scenery in daylight.
	Sport	Uses for shooting sporting events.
	Night	Uses for shooting evening and night scene.

2 Specify the photography settings (➡P.26-30, 32).

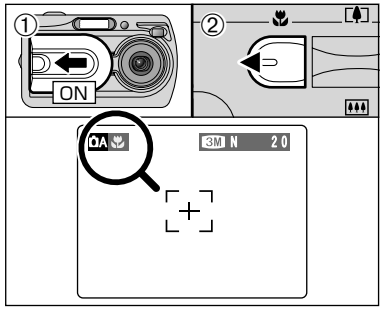
	Macro	Uses for close-up shots.
	Flash	Uses for photography in dark locations or for backlit subjects, etc.
	Quality	Set the size of the recorded image when the picture is taken. The size set is matched to the intended use of the print size.
	Self-timer	Uses in situations such as group shots where the photographer is included in the shot.
	EV (Exposure compensation)	Uses the AE exposure as a reference value of 0, this function brightens (+) or darkens (–) the shot.
WB	White balance	Uses to fix the white balance to suit the photography conditions and lighting.

3 Take the pictures

■ Photography Mode Specifications

			Default Setting	📷A	📷M				
◀	MACRO		OFF	YES	YES	NO	NO	NO	NO
▶	FLASH	AUTO Auto Flash	AUTO	YES	YES	YES	NO	YES	NO
		Red-Eye Reduction		YES	YES	YES	NO	NO	NO
		Forced Flash		YES	YES	YES	NO	YES	NO
		Suppressed Flash		YES	YES	YES	YES	YES	YES
		Slow Synchro		NO	YES	YES	NO	NO	YES
		Red-Eye + Slow		NO	YES	YES	NO	NO	YES
Menu	Quality		3M N (FinePix A330) 4M N (FinePix A340)	YES	YES	YES			
	Self-timer		OFF	YES	YES	YES			
	EV (Exposure Compensation)		0	NO	YES	NO			
	WB White balance		AUTO	NO	YES	NO			

MACRO (CLOSE-UP)



When you use the viewfinder to take a picture in Macro mode, the field visible through the viewfinder does not match the field actually photographed because the viewfinder and lens are in different positions. Accordingly, you should use the LCD monitor to take pictures in Macro mode.

Select Macro mode to take close-up shots.

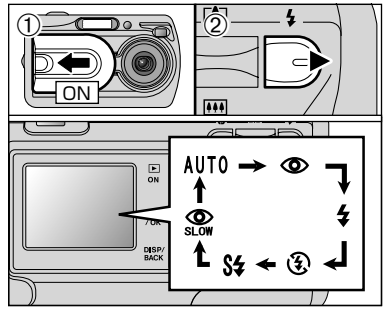
① Open the lens cover.

② Press the "🌷" Macro button (◀). The "🌷" appears on the LCD monitor indicating that you can take close-up shots.
To cancel Macro mode, press the "🌷" Macro button (◀) again.

- **Focus distance**
  Approx. 0.1 m to 0.8 m (3.9 in. to 2.6 ft.)
- **Effective flash range**
  Approx. 0.3 m to 0.8 m (1.0 ft. to 2.6 ft.)

- Macro mode is cancelled in the following situations:
  - When the SHOOTING MODE is changed
  - When the camera is turned off
- Select the appropriate flash mode for the conditions.
- Use a tripod to avoid camera shake when shooting in the dark (when "!🌷" appears).
- The lens is fixed at the wide-angle zoom setting and only the digital zoom can be used.
- Once the LCD monitor is turned ON and cannot be turned OFF.
- Canceling Macro mode, the LCD monitor remains on.

FLASH



Choose from 6 flash modes according to the type of shot.

① Open the lens cover.

② The flash setting changes each time you press the "ϟ" Flash button (▶). The last flash mode displayed is selected.

- **Effective flash range (for 📷A AUTO)**
  Wide-angle: Approx. 0.6 m to 3.5 m (2.0 ft. to 11.5 ft.)
  Telephoto : Approx. 0.6 m to 3.0 m (2.0 ft. to 9.8 ft.)

- If the flash is used in very dusty conditions of when it is snowing, white dots may appear in the image due to flash reflecting off dust particles or snowflakes. Use Suppressed flash mode.
- The flash charging time may increase when the batteries are low on charge.
- When taking a picture using the flash, the image may disappear and the LCD monitor go dark as the flash charges. The viewfinder lamp then blinks orange.
- The available Flash modes are limited depending on the Photography menu selected (➡P.25).
- The flash fires several times (pre-flashes and the main flash).

Auto Flash Mode (no icon)

Use this mode for ordinary photography. The flash fires as required by the shooting conditions.

- If pressing the Shutter button while the flash is charging, the picture will be taken without the flash.

Press the Shutter button down halfway. "ϟ" appears in the LCD monitor when the flash is used.

Red-eye reduction

Use this mode to make sure that the subject's eyes appear normal when taking pictures of people in low-light conditions. The flash fires a pre-flash just before the picture is taken and then fires again to take the actual picture. The flash fires as required by the shooting conditions.

- If pressing the Shutter button while the flash is charging, the picture will be taken without the flash.

◆ Red-eye effect ◆

When using the flash to taken a picture people in low-light conditions, their eyes sometimes appear red in the picture. This is caused by the light of the flash reflecting off the inside of the eye. Use Red-eye reduction flash to minimize the likelihood of the effect.
Take the following measures to make Red-eye reduction more effective:
● Get the subjects to look at the camera. ● Get as close as possible to the subjects.

Continued

ϟ Forced flash

Use this mode in backlit scenes, such as a subject against a window or in the shade of a tree, or to get the correct colors when taking a picture under bright lighting. In this mode, the flash fires in bright as well as dark conditions.

Suppressed flash

Use this mode for taking pictures using indoor lighting, for shots taken through glass, and for photography in places such as theaters or at indoor sporting events where the distance is too great for the flash to be effective. In this situation, use the specified white balance (➡P.32) to take pictures that retain the atmosphere given by the ambient lighting.

- Use a tripod to avoid camera shake when shooting in Suppressed Flash mode in the dark condition.
- See P.78 for information on the camera shake warning.

SLOW Slow synchro

This is a Flash mode that uses a slow shutter speed. This allows you to take pictures of people at night that clearly show both your subjects and the night time backdrop. To prevent camera shake, always use a tripod.

- **Slowest shutter speed**
  "☾" Night: Up to 2 sec.

SLOW Red-eye reduction + Slow synchro

Use this mode for Slow synchro shots with Red-eye reduction.

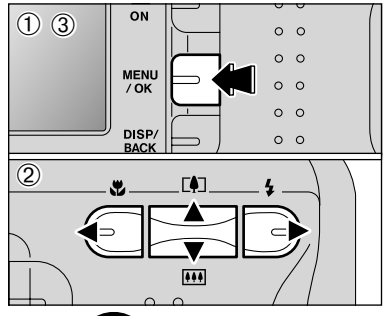
- The image may be overexposed when shooting bright scenes.

To take a picture of a main subject at night with the background brightly lit, please use the SHOOTING MODE "☾" (Night) settings (➡P.31).

STILL PHOTOGRAPHY MENU OPERATION (Important. Please read.)

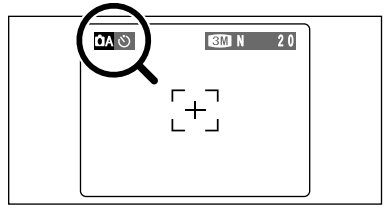
PHOTOGRAPHY MENU OPERATION

1



① Press the "MENU/OK" button to display the menu on the LCD monitor.
② Press "◀" or "▶" to select the menu item and "▲" or "▼" to change the setting.
③ Press the "MENU/OK" button to confirm the selection.

2



When you enable the setting, an icon appears in the top-left corner of the LCD monitor.

- The settings available in the menu screen vary depending on the Still photography mode.

Quality ➡P.29

Set the size of the recorded image when the picture is taken. The size set is matched to the intended use of the print size.

EV ➡P.32

Set when the correct exposure cannot be obtained.

Self-timer ➡P.30

Use this setting for taking pictures such as group shots where the photographer is included in the shot.

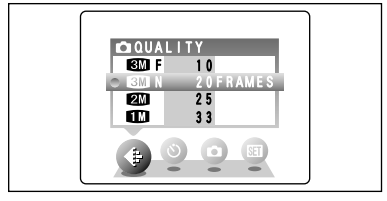
WB White balance ➡P.32

Change this setting to take a picture with the white balance fixed for the surroundings and lighting when the picture is taken.

Shooting mode ➡P.31, 43

Specify "A" Auto, "M" Manual, "Portrait", "▲" Scene, "Sports", "☾" Night or "Movie".

QUALITY SETTINGS IN STILL PHOTOGRAPHY MODE



Choose from 4 settings. Using the table below as a guide, select the setting that best suits the aims.

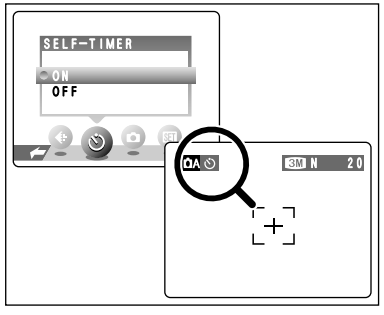
- The numbers to the right of each setting show the number of available frames.
- When changing the quality setting, the number of available frames also changes (➡P.19).

Quality mode	Sample Uses
4M F, 4M N (2272 × 1704) ✻ FinePix A340 only	Printing at A4 or A5 size or printing part of the image cropped at A6 size. For better image quality, select "F".
3M F, 3M N (2016 × 1512) ✻ FinePix A330 only	
2M (1600 × 1200)	Printing at A5 or A6 size.
1M (1280 × 960)	Printing at A6 size.

STILL PHOTOGRAPHY MENU OPERATION (Important. Please read.)

SELF-TIMER PHOTOGRAPHY

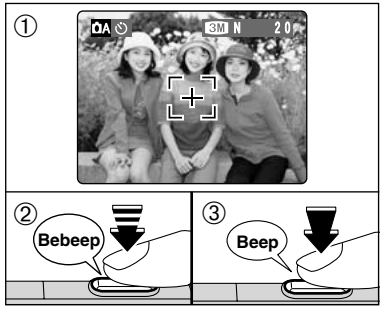
1



The self-timer is used in situations where the photographer is included in the shot.
Setting the self-timer to "ON", "⏲" appears on the LCD monitor.
In this mode, a timer runs for roughly 10 seconds before the shutter is released.

- The self-timer setting is cancelled in the following situations.
  - When shooting ends
  - When the camera is changed to"A" or "N" mode
  - When the camera is set to Playback mode
  - When the camera is turned off

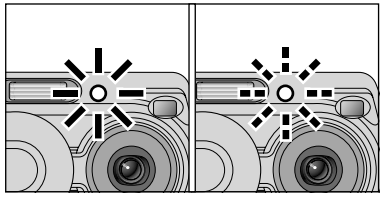
2



① Position the AF frame over the subject.
② Press the Shutter button down halfway to focus the shot.
③ Without releasing the Shutter button, press the button all the way down (fully pressed) to start the self-timer.

- The AF/AE lock can be used (➡P.20).
- Take care not to stand in front of the lens when pressing the Shutter button. The image may not be in focus or get correct brightness (exposure).

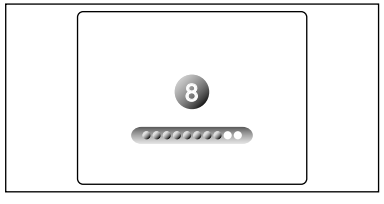
3



The self-timer lamp lights steadily for roughly 5 seconds and then blinks for another 5 seconds, after which the picture is taken.

- To stop the self-timer, once it has started running, press the "DISP/BACK" button.

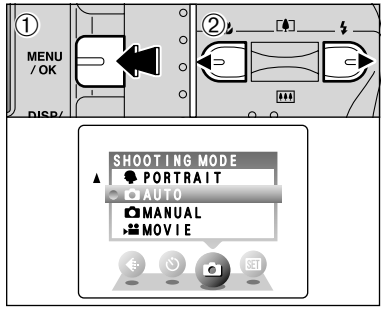
4



A countdown appears on the LCD monitor indicating the time remaining until the picture is taken.
Self-timer mode is cancelled after each shot.

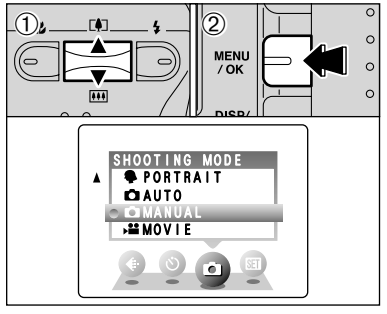
SHOOTING MODE

1



① Press the "MENU/OK" button to display the menu on the LCD monitor.
② Press "◀" or "▶" to select "📷" SHOOTING MODE.

2

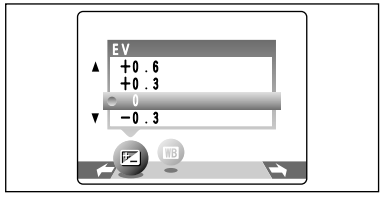


① Press "▲" or "▼" to select "📷" SHOOTING MODE.
② Press the "MENU/OK" button to confirm the selection.

Shooting mode	Explanation	Available flash modes
📷 MANUAL	This is the mode for specifying "EV" (exposure compensation) (➡P.32) and white balance (➡P.32) settings.	AUTO / 👁 / ϟ / ⓢ / Sϟ / SLOW
📷 AUTO	This is the easiest mode for taking pictures and can be used in a wide range of conditions.	AUTO / 👁 / ϟ / ⓢ
PORTRAIT	This is the best mode for shooting portraits. Skin tones are shown beautifully and the overall tone is soft.	AUTO / 👁 / ϟ / ⓢ / Sϟ / SLOW
▲ SCENE	This is the best mode for shooting scenery in daylight and provides crisp, clear shots of scenery such as buildings and mountains.	can not be used
SPORT	This is the best mode for shooting sporting events. This mode gives priority to faster shutter speeds.	AUTO / ϟ / ⓢ
NIGHT	This is the best mode for evening and night scenes. This mode allows you to take shots where priority is given to slow shutter speeds of up to 2 seconds. To prevent camera shake, always use a tripod.	Sϟ / SLOW / ⓢ

✻ "", "▲", "" and "" can not be selected Macro mode.

EV (EXPOSURE COMPENSATION)



Select EV in the "MANUAL" photography mode. Use this function for shots to get the correct brightness (exposure), such as shots with extremely high contrast between the subject and the background.

- **Compensation range**
  –2.1 EV to +1.5 EV (13 steps in 0.3 EV increments)
  See P.86 for more information on EV.

Exposure compensation is disabled in the following situations:
- When the flash is used in Auto or Red-eye reduction mode
- When dark scenes are shot in Forced flash mode

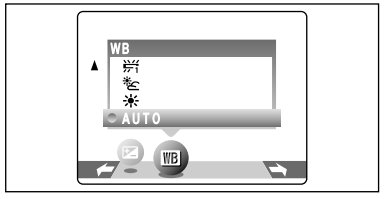
◆ To obtain the optimum brightness ◆

Adjust the exposure compensation according to the level of brightness or darkness in the image.

- When the subject appears too bright
  Try a negative (–) compensation setting.
  This will make the overall image darker.
- When the subject appears too dark
  Try a positive (+) compensation setting.
  This will make the overall image brighter.

■ Guide to compensation
- Backlit portraits: +0.6 EV to +1.5 EV
- Very bright scenes (such as snowfields) and highly reflective subjects: +0.9 EV
- Shots made up predominantly of sky: +0.9 EV
- Spotlit subjects, particularly against dark backgrounds: –0.6 EV
- Scenes with low reflectivity, such as shots of pine trees or dark foliage: –0.6 EV

WB WHITE BALANCE (SELECTING THE LIGHT SOURCE)



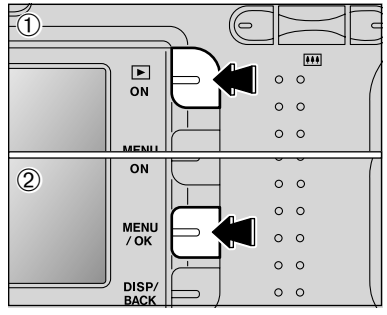
Select white balance in the "MANUAL" photography mode.
Change the white balance setting to take a picture with the white balance locked for the surroundings and lighting.
In AUTO mode, the correct white balance may not be got for subjects such as close-ups of people's faces and shots taken under a special light source. Select the correct white balance for the light source. See P.86 for more information on the white balance.

The color tones may vary depending on the shooting conditions (light source, etc.).

AUTO : Automatic adjustment (shooting to show the ambience of the light source)
: Shooting outdoors in fine weather
: Shooting in shade
: Shooting under "Daylight" fluorescent lamps
: Shooting under "Warm White" fluorescent lamps
: Shooting under "Cool White" fluorescent lamps
: Shooting in incandescent light

✻ When the flash fires, the white balance setting for the flash is used. Consequently, to achieve a particular effect, the Flash mode should be set to Suppressed flash (➡P.28).

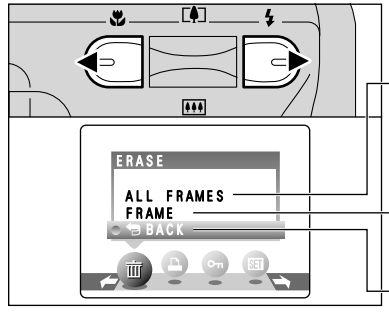
1



① Press the "Playback" button for approx. 1 second to turn the camera on in Playback mode.
② Press the "MENU/OK" button to display the menu on the LCD monitor.

Erased frames (files) cannot be recovered. Back up important frames (files) onto your computer or another media.

2



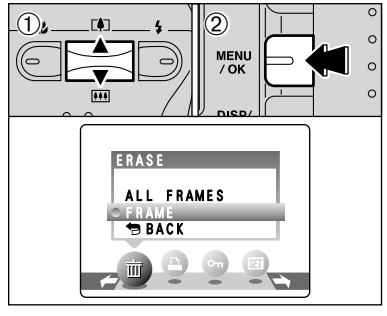
Press "◀" or "▶" to select "ERASE".

ALL FRAMES
Erase all unprotected frames (files).
Back up important frames (files) onto your computer or another media.

FRAME
Erase only the selected frame (file).

BACK
Return to playback without erasing any frames (files).

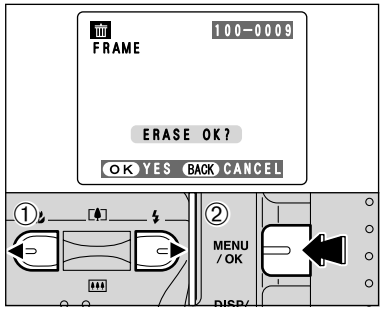
3



① Press "▲" or "▼" to select "ALL FRAMES" or "FRAME".
② Press the "MENU/OK" button.

Continued

ERASING SINGLE / ALL FRAMES

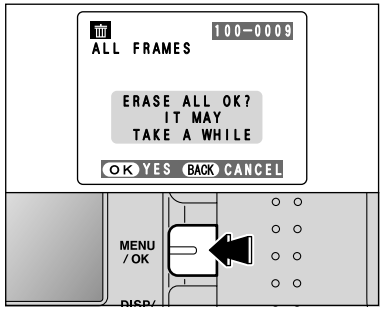


FRAME

① Press "◀" or "▶" to select the frame (file) to be erased.
② Press the "MENU/OK" button to erase the currently displayed frame (file).

To erase another frame (file), repeat steps ① and ②. When you have finished erasing frames (files), press the "DISP/BACK" button.

- Pressing the "MENU/OK" button repeatedly erases consecutive frames (files). Take care not to erase an frame (file) by mistake.
- Protected frames (files) cannot be erased. Unprotect the frames (files) before erasing them (➡P.38).



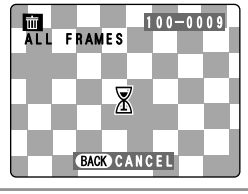
ALL FRAMES

Pressing the "MENU/OK" button erases all the frames (files).

- To cancel the erasing of frames once it is in progress, press the "DISP/BACK" button. Even if you stop the procedure immediately, some frames (files) will be erased.
- Protected frames (files) cannot be erased. Unprotect the frames (files) before erasing them (➡P.38).

If "DPOF SPECIFIED." appears, press the "MENU/OK" button again to erase the frames (files).

◆ To stop the procedure mid-way ◆



To cancel erasing of all the frames (files) while it is in progress, press the "DISP/BACK" button. Some unprotected frames (files) will be left unerased.

- Even if you stop the procedure immediately, some frames (files) will be erased.

DPOF SET FRAME

HOW TO SPECIFY PRINT OPTIONS (DPOF)

DPOF stands for Digital Print Order Format and refers to a format that is used for recording printing specifications for images shot using a digital camera on media such as an **xD-Picture Card**. The recorded specifications include information on which frames are to be printed.

This section gives a detailed description of how to order your prints with the FinePix A330/FinePix A340.
On the FinePix A330/FinePix A340, you can specify only one print per image in the DPOF settings.

✻ Note that some printers do not support date and time imprinting or specification of the number of prints.
✻ Note that the warnings shown below may be displayed while you are specifying the prints.

DPOF SPECIFIED. ERASE OK ?
DPOF SPECIFIED. ERASE ALL OK ? (➡P.34)

When you erase the image, the DPOF setting for that image is deleted at the same time.

RESET DPOF OK ? (➡P.36)

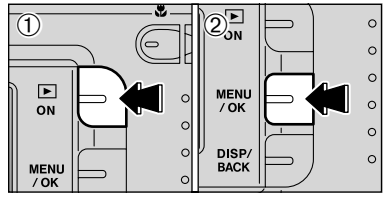
When you insert an **xD-Picture Card** that contains images specified for printing on by another camera, those print specifications are all reset and replaced by the new print specifications.

DPOF FILE ERROR (➡P.79)

Up to 999 images can be specified on the same **xD-Picture Card**.

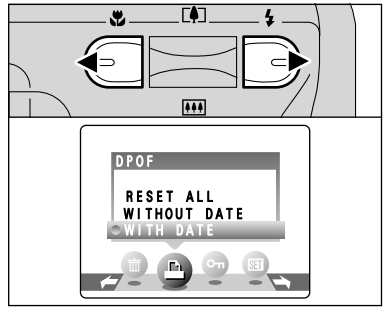
HOW TO SPECIFY PRINT OPTIONS (FRAME SET/RESET)

1

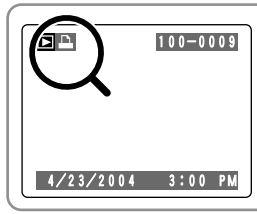


① Press the "Playback" button for approx. 1 second to turn the camera on in Playback mode.
② Press the "MENU/OK" button to display the menu on the LCD monitor.

2



Press "◀" or "▶" to select "🖶" DPOF.

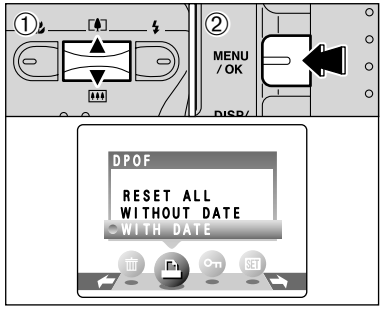


During playback, check that "🖶" appears for the DPOF settings that have been specified.

Continued

DPOF SET FRAME

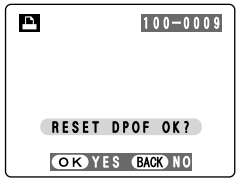
3



① Press "▲" or "▼" to select "WITH DATE" or "WITHOUT DATE". Selecting "WITH DATE" will cause the date to be imprinted on your prints.
② Press the "MENU/OK" button.

When selecting the "WITH DATE" setting, the date is imprinted on your shots using the Print Service or a DPOF-compatible printer (depending on the printer specifications, the date may not be printed in some cases).

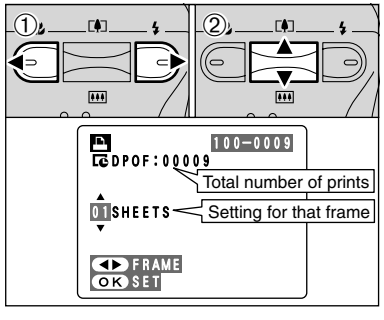
◆ When DPOF settings were specified on another camera ◆



When the data includes a frame (file) with DPOF setting that were specified on another camera, "RESET DPOF OK?" appears.
Pressing the "MENU/OK" button erases all of the DPOF settings already specified for each frame (file). You must then specify the DPOF setting for each frame (file) again.

Press the "DISP/BACK" button to leave the previous settings unchanged.

4



① Press "◀" or "▶" to display the frame (file) for which you want to specify DPOF settings.
② Press "▲" or "▼" to set a value up to 99 as the number of copies of the frame (file) to be printed. For frames (files) that you do not want printed, set the number of prints to 0 (zero).

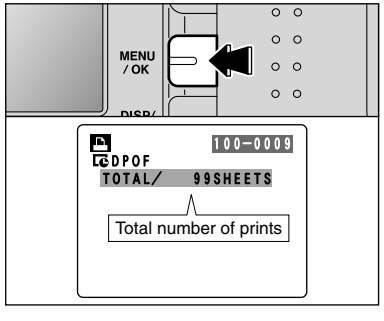
To specify more DPOF settings, repeat steps ① and ②.

Prints of up to 999 image frames (files) can be ordered on the same **xD-Picture Card**.

DPOF settings cannot be specified for movies.

Pressing the "DISP/BACK" button during the settings, all the new settings are cancelled. If there were previous DPOF settings, only the modifications are cancelled.

5



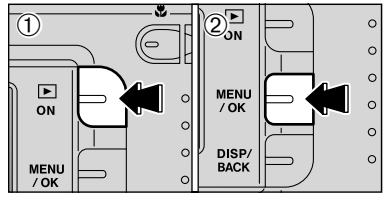
Always press the "MENU/OK" button to complete the settings.
Pressing the "DISP/BACK" button, no DPOF settings are specified.

◆ Canceling a frame ◆

To cancel the DPOF setting for a frame you have specified (cancel frame), perform steps **1** to **3** and then:
①Press "◀" or "▶" to select the frame (file) with the DPOF setting you want to cancel.
②Set the number of prints to 0(zero).
To cancel the DPOF setting for another frame (file), repeat steps ① and ②.
Press the "MENU/OK" button to complete the settings.

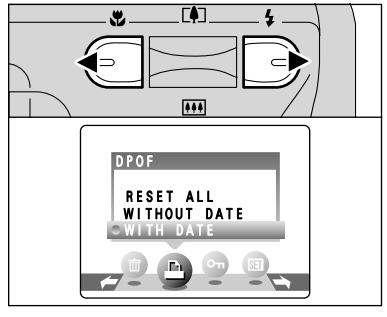
DPOF SET FRAME (RESET ALL)

1



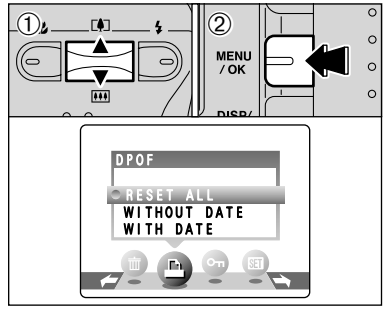
① Press the "Playback" button for approx. 1 second to turn the camera on in Playback mode.
② Press the "MENU/OK" button to display the menu on the LCD monitor.

2



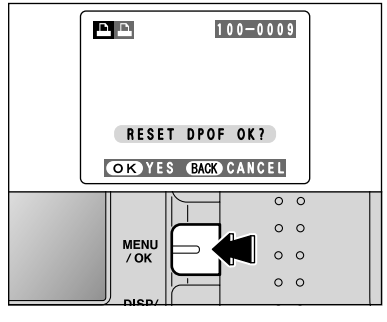
Press "◀" or "▶" to select "🖶" DPOF.

3



① Press "▲" or "▼" to select "RESET ALL".
② Press the "MENU/OK" button.

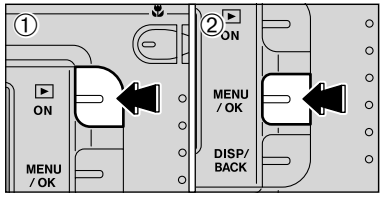
4



A message appears.
To reset all the DPOF settings, press the "MENU/OK" button.

PROTECTING IMAGES: FRAME / SET ALL / RESET ALL

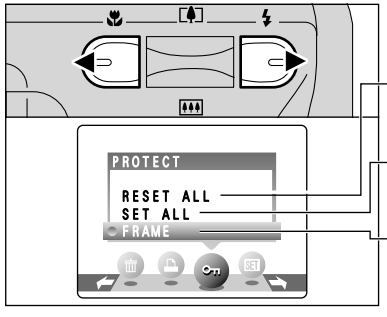
1



① Press the “Playback” button for approx. 1 second to turn the camera on in Playback mode.
② Press the “MENU/OK” button to display the menu on the LCD monitor.

Protection is a setting that prevents frames (files) from being accidentally erased. However, the “FORMAT” function erases all the frames (files), including protected frames (files) (➡P.50).

2



Press “◀” or “▶” to select “⚿” PROTECT.

RESET ALL

Removes the protection from all the frames (files).

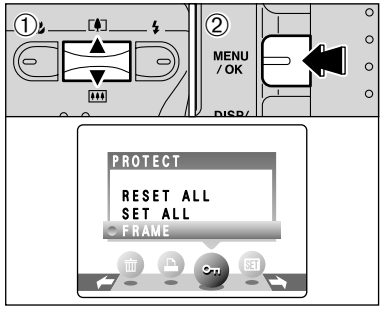
SET ALL

Protects all the frames (files).

FRAME

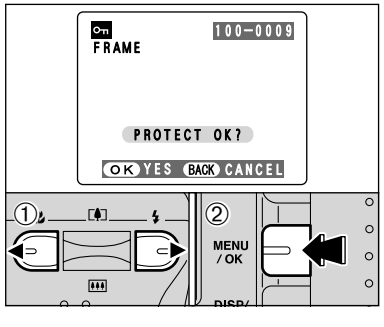
Protects or unprotects only the selected frame (file).

3



① Press “▲” or “▼” to select “FRAME”, “SET ALL” or “RESET ALL”.
② Press “MENU/OK” button to confirm your selection.

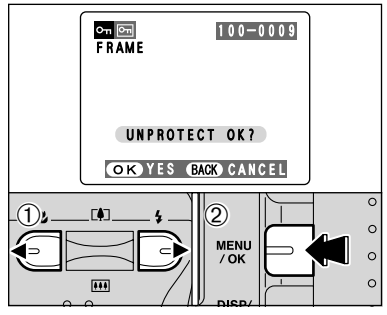
4



FRAME SET

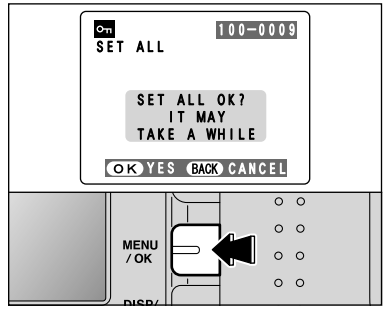
① Press “◀” or “▶” to select the frame (file) to be protected.
② Press the “MENU/OK” button to protect the frame (file) currently displayed.

To protect another frame (file), repeat steps ① and ②. To finish protecting frames (files), press the “DISP/BACK” button.



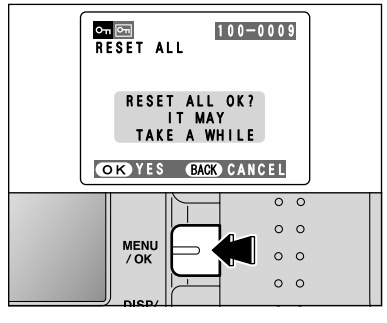
FRAME RESET

① Press “◀” or “▶” to select the protected frame (file).
② Press the “MENU/OK” button to unprotect the displayed frame (file).



SET ALL

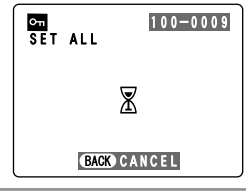
Press the “MENU/OK” button to protect all the frames (files).



RESET ALL

Press the “MENU/OK” button to unprotect all the frames (files).

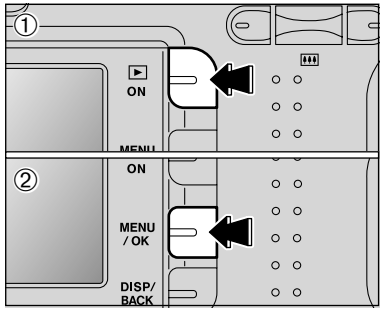
◆ To stop the procedure mid-way ◆



If the images are very large, protecting or unprotecting all the frames (files) may take some time.
If you want to take a picture or recording a movie during the procedure, press the “DISP/BACK” button. To then return to protecting or unprotecting all the frames (files), start the procedure on P.38 from step **1**.

PLAYBACK MENU AUTO PLAY (AUTOMATIC PLAYBACK)

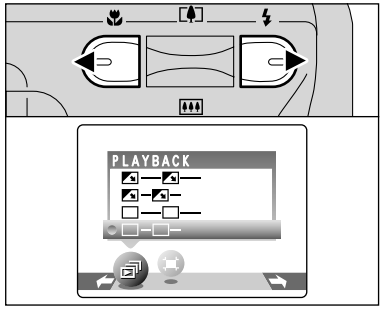
1



① Press the “Playback” button for approx. 1 second to turn the camera on in Playback mode.
② Press the “MENU/OK” button to display the menu on the LCD monitor.

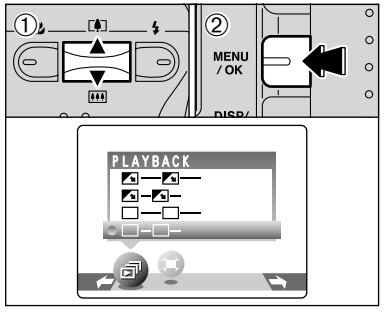
- The Power save function does not operate during playback.
- Movie starts automatically. When the preview movie or movie ends, playback moves on to the next frame.

2



Press “◀” or “▶” to select “PLAYBACK.

3



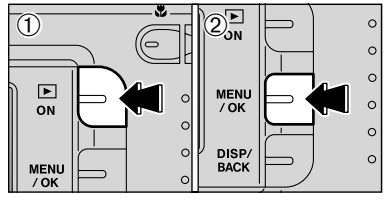
① Press “▲” or “▼” to select the playback interval and the type of image transition.
② Press the “MENU/OK” button. The image frames are advanced and played back.

To interrput “PLAYBACK” PLAYBACK, press “▲” (“MENU/OK” button).

- Pressing the “DISP/BACK” button once during playback causes the playback frame number to appear on the LCD monitor.

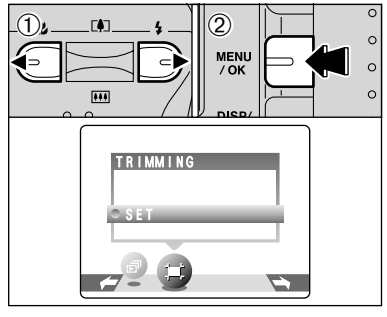
PLAYBACK MENU TRIMMING

1



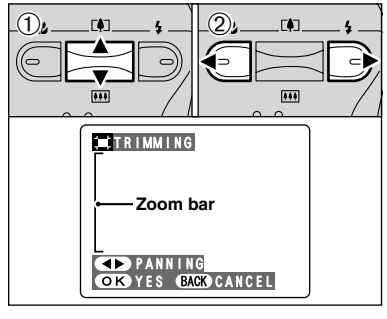
① Press the “Playback” button for approx. 1 second to turn the camera on in Playback mode.
② Press the “MENU/OK” button to display the menu on the LCD monitor.

2



① Press “◀” or “▶” to select “TRIMMING.
② Press the “MENU/OK” button.

3

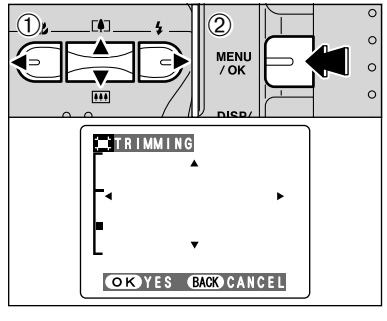


① Pressing the “▲ ()” or “▼ ()” switch during single-frame playback zooms in (enlarges) or out on a still image. Using this function, a zoom bar appears.
② Press “◀” or “▶” to trim an image.

- Press the “DISP/BACK” button to return to single-frame playback.

The size of saved image varies depending on the zoom ratio. Up to 1M can be saved.

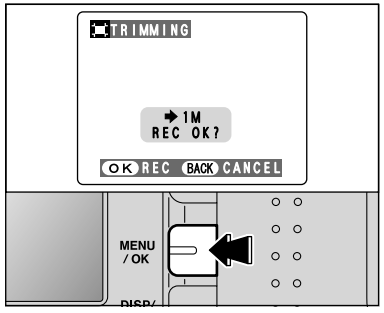
4



① Press “▲”, “▼”, “◀”, or “▶” to display another area.
② Press the “MENU/OK” button to crop the image.

Continued

5



Check the saved image size and press the "MENU/OK" button. The cropped image is added as a separate file in the final frame.

■ Image Sizes

2M	Best for A6 or A5 size prints.
1M	Best for A6 size prints.

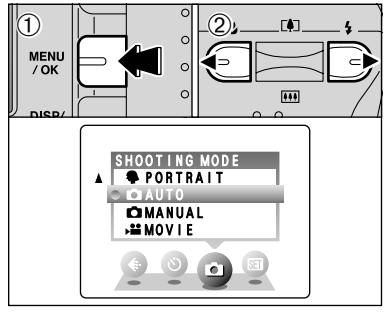
Up to 60 seconds long (at the "320" setting) or 240 seconds long movie (at the "160" setting) can be recorded.

- **Specifications**
  Motion JPEG without sound
- **Quality selection method**
  320 (320 × 240 pixels)
  160 (160 × 120 pixels)
- **Frame rate:** 10 frames per second
  See P.86 for information on the frame rate.

- See P.45. for information on changing the quality mode.
- The available recording time for a movie may decrease depending on the amount of free space on the **xD-Picture Card**.
- See P.83, 85 for the available recording time with **xD-Picture Card**s.
- You cannot turn the LCD monitor off in this mode.

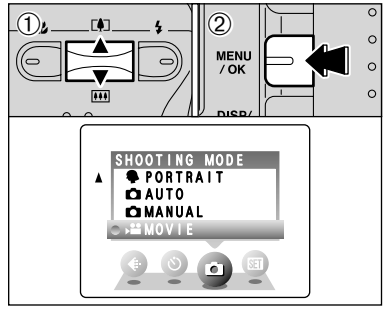
It may not be possible to playback your movies on other cameras.

1



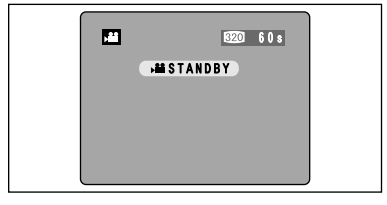
① Press the "MENU/OK" button to display the menu on the LCD monitor.
② Press "◀" or "▶" to select "📷" SHOOTING MODE.

2



① Press "▲" or "▼" to select "🎥 MOVIE".
② Press the "MENU/OK" button.

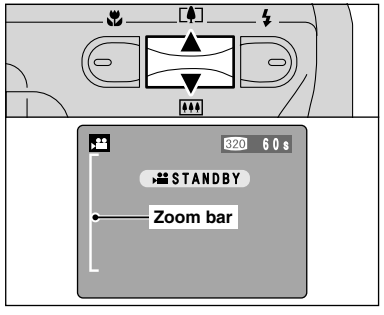
3



The available recording time and "STANDBY" appears on the LCD monitor.

Continued

4



During movie recording, the lens is fixed at the wide-angle zoom setting and only the digital zoom can be used.
Press the "▲ ([])" or "▼ ([])" switch to zoom in and out. A zooming bar appears on the LCD monitor.

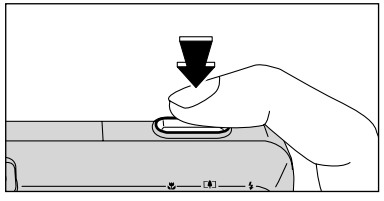
- **Digital zoom focal length (35 mm camera equivalent)**

Model	Digital zoom focal length	Maximum zoom scale
FinePix A330	Approx. 38 mm- 114 mm	3×
FinePix A340	Approx. 38 mm-129 mm	3.4×

- **Focal range**
  Approx. 1 m (3.3 ft.) to infinity

Pictures taken with the digital zoom have slightly lower image quality. Choose the zoom mode that best suits the scene being shot.

5

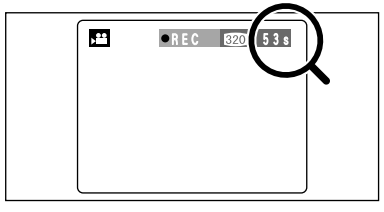


Press the Shutter button down fully to start recording.

The focus is fixed at about 1 m (3.3 ft.) to infinity.
The brightness and color of the LCD monitor shown during movie recording may differ from those shown before recording begins.
Do not need to hold down the Shutter button.

Pressing the Shutter button down fully locks the focus, but the exposure is adjusted for to the scene being shot.

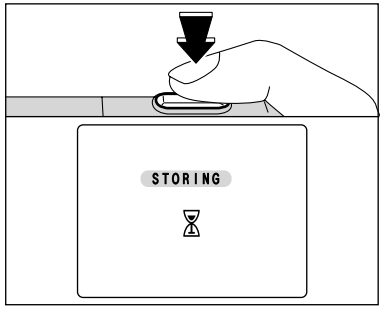
6



"●REC" appears in the top-right corner of the LCD monitor during recording shows the remaining time.

When the remaining time runs out, recording ends and the movie is saved onto the **xD-Picture Card**.

7

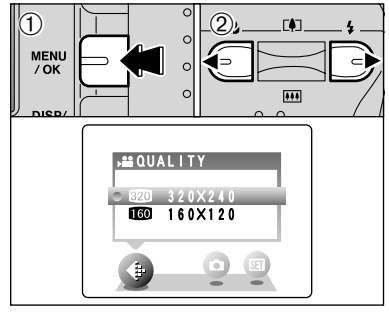


Press the Shutter button during recording, recording ends and the movie is stored on the **xD-Picture Card**.

If recording is stopped immediately after it begins, 1 second of movie is recorded onto the **xD-Picture Card**.

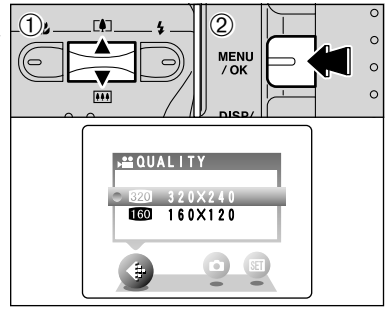
QUALITY SETTINGS IN MOVIE MODE

1



① Press the "MENU/OK" button to display the menu on the LCD monitor.
② Press "◀" or "▶" to select "" QUALITY.

2



① Press "▲" or "▼" to change the setting.
2 levels of quality can be selected. For better image quality, select "320", and for longer photography time, select "160".

■ **Recording times per movie**

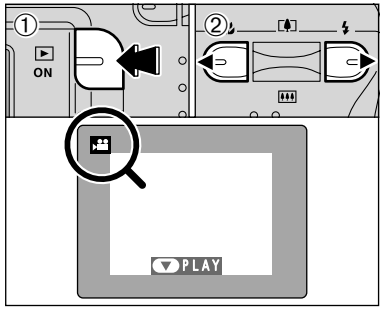
	movie size	maximum shooting time
320	320×240	60 sec.
160	160×120	240 sec.

② Press the "MENU/OK" button to confirm the setting.

PLAYBACK MODE

PLAYING BACK MOVIES

1

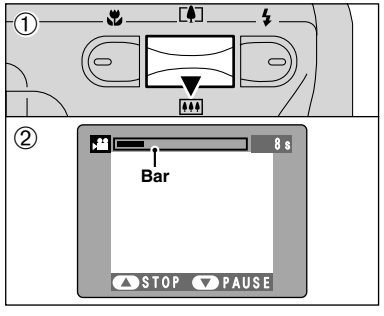


① Press the “Playback” button for approx. 1 second to turn the camera on in Playback mode.
② Press “◀” or “▶” to select the movie file.

Movies cannot be played back using multi-frame playback. Press the “DISP/BACK” button to select single-frame playback.

Indicated by the “🎥” icon.

2



① Press “▼” to play the movie.
② The LCD monitor shows the playback time and a playback progress bar.

If the subject of the shot is very bright, white vertical streaks or black horizontal streaks may appear in the image during playback. This is normal.

Movies are displayed one size smaller than still images.

■ Playing Back Movies

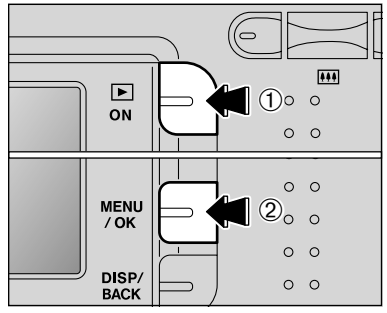
	Control	Description
Playback		Playback begins. The movie stops when playback ends.
Pause/Resume		Pauses the movie during playback. Press “▼” again to resume playback.
Stop		Stops playback. ✻ Press “◀” or “▶” while playback is stopped to go back to the previous file or advance to the next file respectively.
Fast forward/Rewind	Rewind / Fast forward	Press “◀” or “▶” during playback to skip forwards or backwards through the movie.
Skip playback	When paused	Press “◀” or “▶” when the movie is paused, the movie advances or goes back one frame. Hold down “◀” or “▶” to move through the frames quickly.

◆ Playing movie files ◆

- You may not be able to playback some movie files recorded on other cameras.
- To playback movie files on a computer, save the movie file on the **xD-Picture Card** to the computer’s hard disk and then playback the saved file.

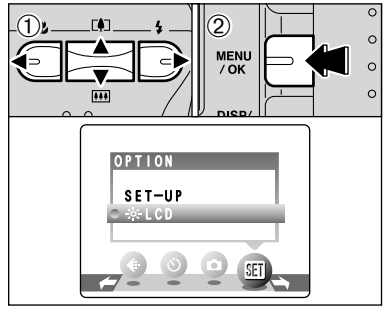
☀ ADJUSTING THE MONITOR BRIGHTNESS

1



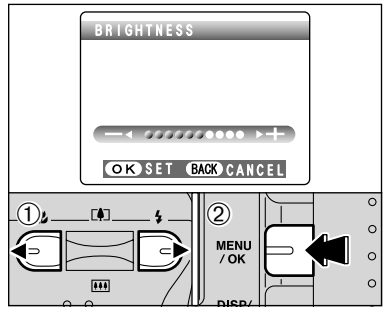
① Press the “Playback” button for approx. 1 second to turn the camera on in Playback mode.
② Press the “MENU/OK” button to display the menu on the LCD monitor.

2



① Press “◀” or “▶” to select “SET” OPTION and then press “▲” or “▼” to select “☀LCD”.
② Press the “MENU/OK” button.

3

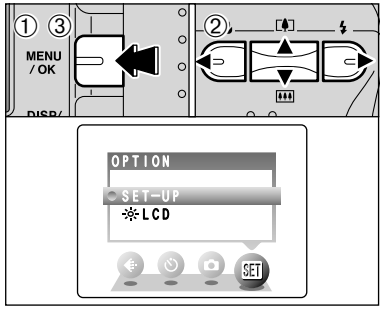


① Press “◀” or “▶” to adjust the LCD monitor brightness.
② Press the “MENU/OK” button to confirm the new setting.

To exit this procedure without changing the settings, press the “DISP/BACK” button.

USING THE SET-UP SCREEN

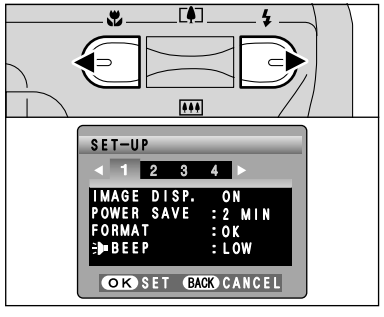
1



① Press the “MENU/OK” button to display the menu on the LCD monitor.
② Press “◀” or “▶” to select “SET” OPTION and then press “▲” or “▼” to select “SET-UP”.
③ Press the “MENU/OK” button to display the SET-UP screen.

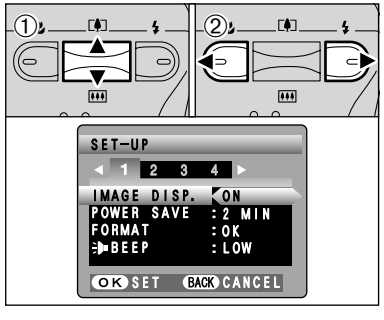
Always turn the camera off when replacing the batteries. Opening the battery cover or disconnecting the AC power adapter without turning the camera off may cause the camera settings to revert to the factory default values set at shipment.

2



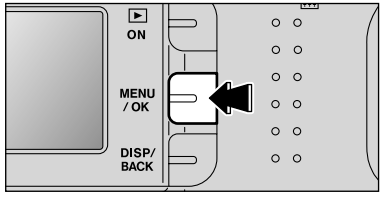
Press “◀” or “▶” to move to option 1 to 4.

3



① Press “▲” or “▼” to select a menu option and then
② Press “◀” or “▶” to change the setting. Press “▶” for “FORMAT”, “DATE/TIME”, “TIME DIFFERENCE”, “DISCHARGE” or “RESET”.

4

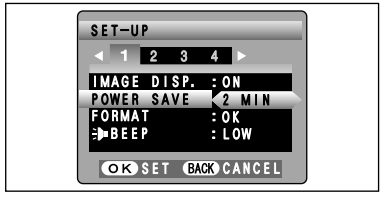


After you have changed the settings, press the “MENU/OK” button to confirm the changes.

■ SET-UP menu options

	Settings	Display	Factory default	Explanation
1	IMAGE DISP.	ON/OFF	ON	Specifies whether an image checking screen (photography result) appears after taking a picture. The image appears for a few moments and then recorded.
	POWER SAVE	2 MIN/5 MIN	2 MIN	Reduces the camera’s power consumption and to subsequently turn the camera off when not being used. See P.50 for details.
	FORMAT	OK	–	Erases all files. See P.50 for details.
	BEEP	LOW/HIGH/OFF	LOW	Sets the volume of the tone emitted when the camera controls are used.
2	DATE/TIME	SET	–	Corrects the date or time. See P.13 for details.
	TIME DIFFERENCE	SET	–	Specifies the time difference settings. See P.51 for details.
	LCD	ON/OFF	ON	Specifies whether the LCD monitor is ON or OFF when the camera is turned on in Photography mode.
	FRAME NO.	CONT./RENEW	CONT.	Specifies whether frame numbers are assigned consecutively from previous numbers or begin again. See P.52 for details.
3	USB MODE	/WEB/		Selects the function when the camera is connected to a computer or a printer. See P.61 for details.
	言語/LANG.	日本語/ENGLISH/ FRANCAIS/DEUTSCH/ ESPAÑOL/中文	ENGLISH	Specifies the language used for LCD monitor display.
	VIDEO SYSTEM	NTSC/PAL	–	Specifies whether video output is set to NTSC or PAL.
	DISCHARGE	OK	–	Discharges rechargeable batteries. See P.76 for details.
4	RESET	OK	–	Resets all the camera settings (other than the DATE/TIME, TIME DIFFERENCE LANG. and VIDEO SYSTEM) to the factory default values set at shipment. A confirmation message appears when you press “▶”. To reset the camera settings, press the “MENU/OK” button again.

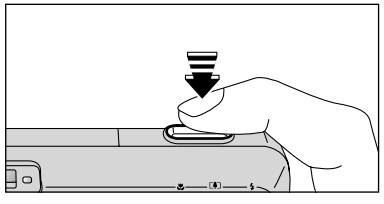
POWER SAVE SETTING



When this function is enabled, the screen temporarily turns off (Sleep mode) and the viewfinder lamp (green) blinks at 1 second intervals to save power if the camera is not used for 30 seconds. If the camera remains unused for an additional interval (2 minutes or 5 minutes), it is turned off. Use this function when you want to get the maximum possible running time from your batteries.

The Power save setting is disabled during automatic playback, during rechargeable battery discharging and when a USB connection is being used.

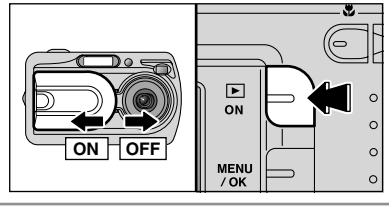
The Sleep function does not operate in SET-UP or Playback mode, but the camera will turn off if it is left unused for a set some time (2 minutes or 5 minutes).



When the camera is in Sleep mode, pressing the Shutter button down halfway wakes the camera up so that it is ready to take pictures. This is useful since the camera can be ready to take pictures almost instantly.

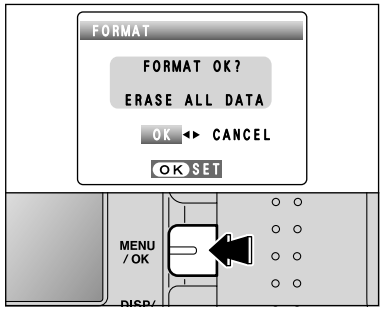
Pressing any other button as well as the Shutter button wakes the camera up.

◆ To restore power to the camera ◆



To restore power to the camera to take pictures, briefly close and then re-open the lens cover completely so that it makes two successive clicks and will not move further. To play back images, close the lens cover until it stops and then hold down the "Playback" button for approx. 1 second.

FORMAT



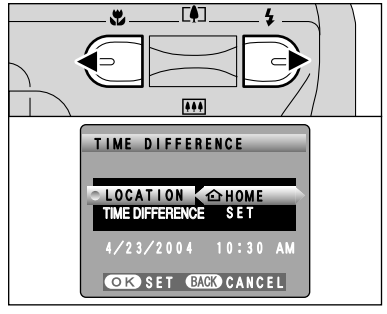
Formatting erases all the frames (files).
Initialize the **xD-Picture Card** for use in the camera.
Back up important frames (files) onto your computer or another media.
① Press "◀" or "▶" to select "OK".
② Pressing the "MENU/OK" button erases all the frames (files) and initializes the **xD-Picture Card**.
Formatting erases protected files also.

If "CARD ERROR", "WRITE ERROR", "READ ERROR" or "CARD NOT INITIALIZED" appears, see P.78 for information before formatting the **xD-Picture Card**.

TIME DIFFERENCE (TIME DIFFERENCE SETTING)

This function sets a time difference relative to the date and time currently set. When this setting is enabled, the specified time difference is applied when pictures are taken.
Use this function when traveling to destinations in different time zones.

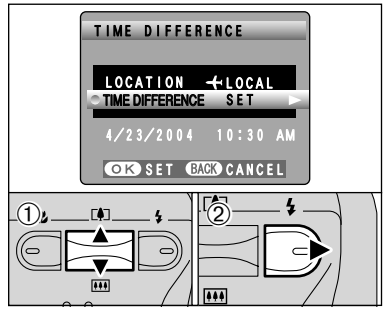
1



Press "◀" or "▶" to change between "⌂ HOME" and "✈ LOCAL".
To set the time difference, select "✈ LOCAL".

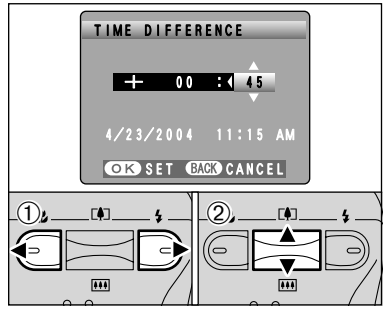
⌂ HOME : Your home time zone
✈ LOCAL : Your destination time zone

2



① Press "▲" or "▼" to select "TIME DIFFERENCE".
② Press "▶".

3

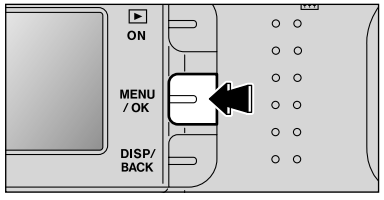


① Press "◀" or "▶" to select ±, hour and minute.
② Press "▲" or "▼" to correct the setting.

● **Available time settings**
-23:45 to +23:45 (in 15 minutes increments)

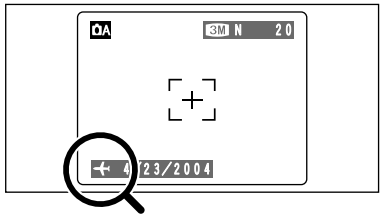
Continued

4



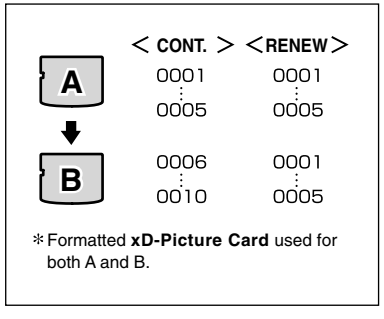
Always press the “MENU/OK” button to complete the settings.

5



When the photography mode is selected with world time set, “✛” appears on the LCD monitor for 3 seconds.

FRAME NO.



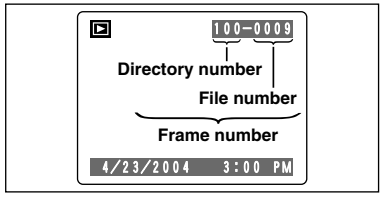
✻ Formatted **xD-Picture Card** used for both A and B.

CONT. : Pictures are stored beginning from the highest file number stored on the last **xD-Picture Card** used.

RENEW: Pictures are stored on each **xD-Picture Card** beginning with a file number “0001”.

Setting this function to “CONT.” makes file management easier as it ensures that file names are not duplicated when images are downloaded to a PC.

- When the camera settings are “RESET”, the frame number setting (“CONT.” or “RENEW”) is changed to “CONT.” and the frame number itself does not return to “0001”.
- When the **xD-Picture Card** already contains image files with file numbers higher than the highest file number on the last **xD-Picture Card**, images are stored beginning from the highest file number on the current **xD-Picture Card**.



Check the file number by viewing the image. The last 4 digits of the 7-digit number in the top right corner of the LCD monitor are the file numbers, while the first 3 digits show the directory number.

- When changing the **xD-Picture Card**, always turn the camera off before opening the battery cover. Opening the battery cover without turning the camera off may cause the frame number memory to not function.
- File number runs from 0001 to 9999. Once 9999 is exceeded, the directory number changes from 100 to 101. The maximum number is 999–9999.
- The displayed frame number may differ for images photographed on other cameras.
- If “FILE NO. FULL” appears, see P.78.

5.1 INSTALLATION ON A Windows PC

Pre-installation checklist

To run this software, you must have the hardware and software described below. Check your system before you begin the installation.

Operating System✻1	Windows 98 (including the Second Edition) Windows Millennium Edition (Windows Me) Windows 2000 Professional✻2 Windows XP Home Edition✻2 Windows XP Professional✻2
CPU	200 MHz Pentium or better recommended (800 MHz Pentium Ⅲ or better recommended for Windows XP)
RAM	64 MB minimum (128 MB minimum for Windows XP), 256 MB or more recommended
Hard disk space	Amount required for installation: 450 MB minimum Amount required for operation: 600 MB minimum (When using ImageMixer VCD2 for FinePix: 2 GB or better)
Display	800 × 600 pixels or better, 16-bit color or better (When using ImageMixer VCD2 for FinePix: 1024 × 768 or better)
Internet connection✻3	• To use FinePix Internet Service or mail attachment function: An Internet connection and e-mail transmission software • Connection speed: 56 k or better recommended

✻1 Models with one of the above operating systems pre-installed.
✻2 When you install the software, log in using a system administrator account (e.g. “Administrator”).
✻3 Required to use the FinePix Internet Service. The software can still be installed even if you do not have an Internet connection.

◆ Notes ◆

- Connect the camera directly to the computer using the USB cable (included). The software may not operate correctly when you use an extension cable or connect the camera via a USB hub.
- When your computer has more than one USB port, the camera can be connected to either port.
- Push the USB connector fully into the socket to ensure that it is securely connected. The software may not operate correctly if the connection is faulty.
- Additional USB interface board is not guaranteed.
- Windows 95 and Windows NT cannot be used.
- Operation is not guaranteed on home-built computers or on computers running updated operating system software.
- When you reinstall or remove FinePixViewer, the Internet menu and your user ID and password for the FinePix Internet Service are deleted from your computer. Click the [Register now] button, enter your registered user ID and password and download the menu again.
- To use Video Chat, a PC running Windows XP Professional (Service Pack 1) or Windows XP Home Edition (Service Pack 1) is required with a sound card, a connected microphone and speakers, and Windows Messenger 5.0 or later installed. When using a router, check that the router is compatible with Windows Messenger.

5.1 INSTALLATION ON A Windows PC

Do not connect the camera to your PC until the software installation is completed.

1 Install FinePixViewer as instructed in the Quick start guide.

◆ Launching the installer manually ◆

① Double-click the “My Computer” icon.
✻ Windows XP users should click “My Computer” in the “Start” menu.
② Right-click “FINEPIX” (CD-ROM drive) in the “My Computer” window and select “Open”.
③ Double-click “SETUP” or “SETUP.exe” in the CD-ROM window.

✻ The way file names are displayed differs as described below depending on your computer settings.
- File extensions (3-letter suffixes indicating the file type) may be shown or hidden. (e.g. Setup.exe or Setup)
- Text may be shown normally or all in uppercase (e.g. Setup or SETUP).

◆ Installing other applications ◆

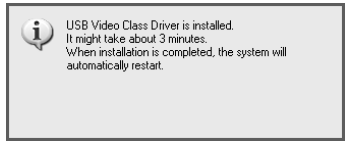
You may see messages for installing ImageMixer VCD2 for FinePix and WINASPI. Install these applications as directed by the on-screen instructions. The installation screens for these applications are displayed as required.

2 After restarting the PC, install DirectX as directed by the on-screen instructions and then restart your PC again. If the latest version of DirectX is already installed on your PC, this installation is not performed.

- If the latest version is already installed, this window does not appear.
- Do not remove the CD-ROM during this procedure.

3 After the restart, the USB Video Class driver is installed.

- If the latest version is already installed, this window does not appear.
- The driver is only installed on Windows XP SP 1.


USB Video Class Driver is installed.
It might take about 3 minutes.
When installation is completed, the system will automatically restart.

4 After restarting the PC, the “Installation of the FinePixViewer has been completed” message appears.

5.2 INSTALLATION ON A Mac OS 9.2

Pre-installation checklist

To run this software, you must have the hardware and software described below. Check your system before you begin the installation.

Compatible Mac	Power Macintosh G3✻1, PowerBook G3✻1, Power Macintosh G4, iMac, iBook, Power Macintosh G4 Cube or PowerBook G4
Operating System	Mac OS 9.2.2✻2
RAM	64 MB minimum✻3, 256 MB or more recommended (When using ImageMixer VCD2 for FinePix: 128 MB or better)
Hard disk space	Amount required for installation: 400 MB minimum Amount required for operation: 600 MB minimum (When using ImageMixer VCD2 for FinePix: 2 GB or better)
Display	800 × 600 pixels or better, at least 32,000 colors (When using ImageMixer VCD2 for FinePix: 1024 × 768 or better)
Internet connection✻4	• To use the FinePix Internet Service or mail attachment function An Internet connection and e-mail transmission software • Connection speed: 56 k or better recommended

✻1 Models with a USB port as a standard feature
✻2 This software does not run correctly in the Mac OS X Classic environment.
✻3 Turn virtual memory on if necessary.
✻4 Required to use the FinePix Internet Service. The software can still be installed even if you do not have an Internet connection.

◆ Notes ◆

- Connect the camera directly to the Macintosh using the USB cable (included). The software may not operate correctly if you use an extension cable or connect the camera via a USB hub.
- Push the USB connector fully into the socket to ensure that it is securely connected. The software may not operate correctly if the connection is faulty.
- Additional USB interface board is not guaranteed.
- On Macintosh computers, allocate at least 400 MB of virtual memory when RAW FILE CONVERTER LE is used. If other applications will be used at the same time, allocate the additional amount required for those applications also.

1 Turn on your Macintosh and start up Mac OS 9.2.2.

- Do not connect the camera to your Macintosh until the software installation is completed.

2 When the bundled CD-ROM is loaded into the CD-ROM drive, the [FinePix] volume appears. Double-click the volume icon to open the volume window.

- If the “FinePix” window does not open automatically, double-click the CD-ROM icon.

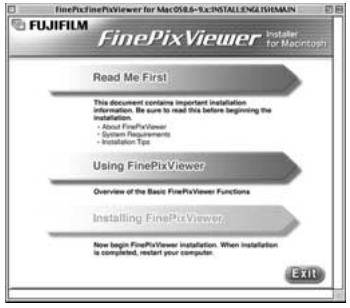
3 Double-click “Installer for MacOS9” to launch the Installer.

Continued

5.2 INSTALLATION ON A Mac OS 9.2

4 The Installer setup screen appears. Click the [Installing FinePixViewer] button.

For more information on what is installed, click the [Read Me First] button and [Using FinePixViewer] button.

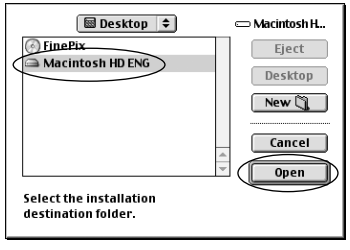


5 A confirmation message appears asking whether you want to continue with the installation. Click the [OK] button.

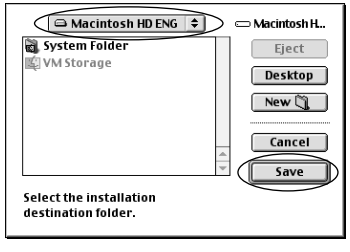
6 The User License Agreement for this software appears. Read the agreement carefully and then, if you agree to the terms of the Agreement, click the [Agree] button. If you click the [Disagree] button, the software is not installed.

7 Select the installation destination for FinePixViewer.

① Click the [Open] button to open the installation destination folder.



② Click the [Save] button.



8 Install ImageMixer VCD2 for FinePix as directed by the on-screen instructions.

9 After restarting the Macintosh, the “FinePixViewer installation completed” message appears. Click “Using FinePixViewer” to view the basic FinePixViewer functions.

10 To install Acrobat Reader, click “Install Acrobat Reader”.

Install Adobe Systems’ Acrobat Reader software to read the FinePixViewer User’s Guide (PDF). If the latest version already has been installed, this step is not required.

11 Proceed with the installation as directed by the on-screen instructions.

◆ To install Acrobat Reader later... ◆

① Double-click the “FinePix” CD-ROM to open the CD-ROM window.
② Double-click “FinePixViewer for MacOS9” ➡ “Acrobat Reader” ➡ “English” folder.
③ Double-click “English Reader Installer”.
④ Proceed with the installation as directed by the on-screen instructions.

5.3 INSTALLATION ON A Mac OS X

Pre-installation checklist

■ Hardware and software requirements

To run this software, you must have the hardware and software described below. Check your system before you begin the installation.

Compatible Mac	Power Macintosh G3*1, PowerBook G3*1, Power Macintosh G4, iMac, iBook, Power Macintosh G4 Cube, or PowerBook G4, Power Macintosh G5
Operating System	Mac OS X (compatible with version 10.2.6 to 10.3.1)
RAM	192 MB minimum, 256 MB or more recommended
Hard disk space	Amount required for installation: 200 MB minimum Amount required for operation: 400 MB minimum (When using ImageMixer VCD2 for FinePix: 2 GB or better)
Display	800 × 600 pixels or better, at least 32,000 colors (When using ImageMixer VCD2 for FinePix: 1024 × 768 or better)
Internet connection*2	• To use the FinePix Internet Service or mail attachment function An Internet connection and e-mail transmission software • Connection speed: 56 k or better recommended

*1 Models with a USB port as a standard feature
*2 Required to use the FinePix Internet Service. The software can still be installed even if you do not have an Internet connection.

◆ Notes ◆

- Connect the camera directly to the Macintosh using the USB cable (included). The software may not operate correctly if you use an extension cable or connect the camera via a USB hub.
- Push the USB connector fully into the socket to ensure that it is securely connected. The software may not operate correctly if the connection is faulty.
- Additional USB interface board is not guaranteed.
- On Macintosh computers, allocate at least 400 MB of virtual memory when RAW FILE CONVERTER LE is used. If other applications will be used at the same time, allocate the additional amount required for those applications also.

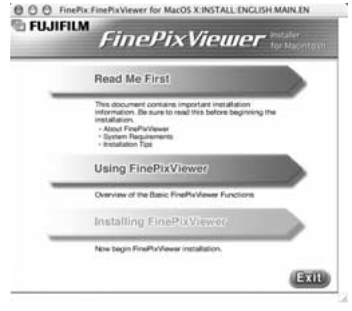
1 Turn your Macintosh on and start up Mac OS X. Do not launch any other applications.

2 When the bundled CD-ROM is loaded into the CD-ROM drive, the [FinePix] icon appears. Double-click the [FinePix] icon to open the [FinePix] volume window.

3 Double-click “Installer for MacOS X”.

4 The Installer setup dialog appears. Click the [Installing FinePixViewer] button.

For more information on what is installed, click the [Read Me First] button and [Using FinePixViewer] button.



5 The “Authenticate” dialog appears.
Enter the name and password for the administrator account and then click the [OK] button.*
*The administrator account is the user account used for Mac OS X installation and you can confirm the user account in the Accounts dialog in the System Preferences.

6 The “License” dialog appears. Read the agreement carefully and then, if you agree to the terms of the Agreement, click the [Accept] button.

7 The “Read me” dialog appears. Click the [Continue] button.

Continued

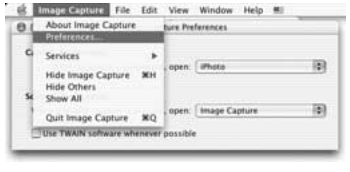
8 The “FinePixInstallOSX” window appears.
Click the “Install” button to install FinePixViewer and RAW FILE CONVERTER LE.

9 The ImageMixer VCD2 installer automatically starts up and a window showing the installation progress appears. (Installation may take several minutes.)

10 The “FinePixViewer installation completed” message dialog appears then click exit button and close it.

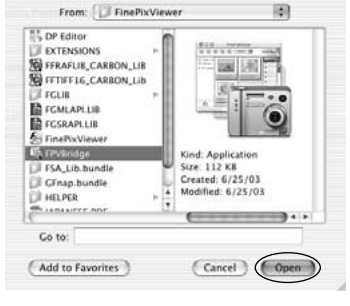
11 Launch “Image Capture” from the “Applications” folder.

12 Change the Image Capture settings.
Select “Preferenes...” from the “Image Capture” menu.



13 Select “Other...” from “When a camera is connected, open”.

14 Select “FPVBridge” from “FinePixViewer” folder in the “Applications” folder and click the “Open” button.

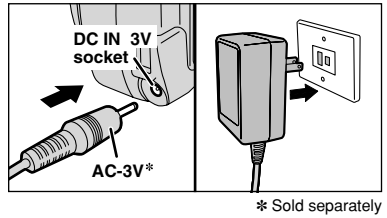


15 Select “Quit Image Capture” menu in the “Image Capture” menu.

6.1.1 Using the optional AC Power adapter

Always use only the FUJIFILM “AC Power Adapter AC-3V” or the “AC Power Adapter AC-3VW” bundled with the PictureCradle CP-FXA10 (➡P.73).
Use the AC power adapter to avoid losing power at inconvenient times, such as when you are downloading photographed images to your computer. You can take pictures and play back images without worrying about depleting the batteries.

- See P.75 for notes on using the AC power adapter.
- By using the optional cradle, the AC power adapter bundled with the cradle must be used. The use of AC power adapters other than the bundled product will cause faults.
- Only connect or disconnect the AC power adapter when the camera is turned off.
  Connecting or disconnecting the AC power adapter while the camera is turned on temporarily interrupts the power supply to the camera, so that images or movies being shot are not recorded. Failing to turn the camera off first can also result in damage to the **xD-Picture Card** or malfunctions during PC connection.



* Sold separately

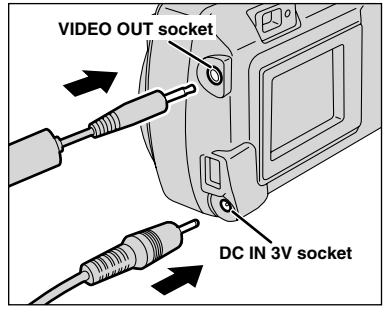
Check that the camera is turned off. Plug the AC power adapter connector into the “DC IN 3V” socket and then plug the AC power adapter into the power outlet.

- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- The shape of the plug and socket-outlet depends on the country of use.

Do not connect the AC power adapter to charge the AA-size nickel-metal hydride batteries. Please use the optional charger (➡P.73).

6.1.2 Connecting to a TV

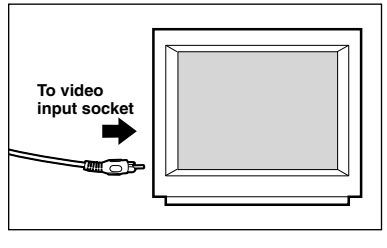
1



Turn off the camera and TV. Plug the Video cable (provided with the camera) into the “VIDEO OUT” (video output) socket.

- Images are only sent to the TV in Playback mode (FinePix A330 only).
- If there is a power outlet available, connect the AC-3V AC Power Adapter.

2



Plug the other end of the cable into the video input socket on the TV. Then turn the camera and TV on and playback images as you would normally.

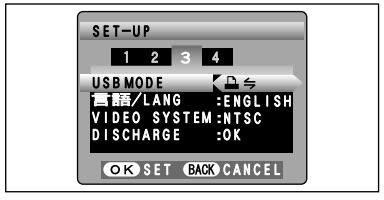
- Refer to the instructions provided with your TV for more information on video input for your TV.
- The image quality for movie playback is lower than for still images.

6.2 CONNECTING THE CAMERA DIRECTLY TO THE PRINTER FOR PRINTING IMAGES (PictBridge FUNCTION)

If a printer that supports PictBridge is available, images can be printed by connecting the camera directly to the PictBridge-compatible printer without using a computer.

6.2.1 Specifying images for printing on the camera

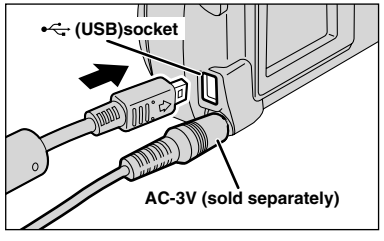
1



Set to "🖶⇋" in the "USB MODE" setting in the "SET-UP" menu (➡P.48).

- Do not connect to a PC when the "USB MODE" setting is set to "🖶⇋". See P.81 if you connect to PC by mistake.

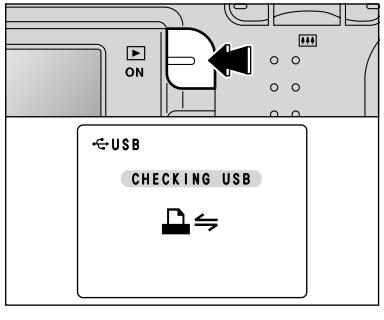
2



① Connect the camera to the printer using the USB cable (included).
② Turn the printer on.

- The camera cannot be used to specify printer settings such as the paper size and print quality.
- Please connect the AC Power Adapter AC-3V (sold separately) or AC-3VW (included with optional PictureCradle CP-FXA10) to your camera.
- Use an **xD-Picture Card** that was formatted on the camera.

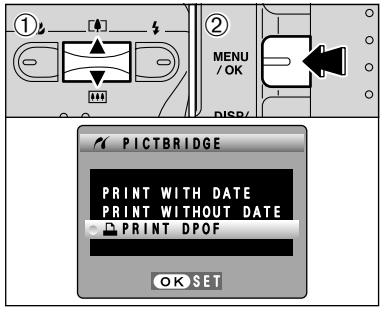
3



Press the "Playback" button to turn the camera on in Playback mode.
"CHECKING USB" appears and then the menu screen is displayed.

- If the menu screen does not appear, check whether the USB mode setting is "🖶⇋".
- Depending on the printer, some functions are disabled.

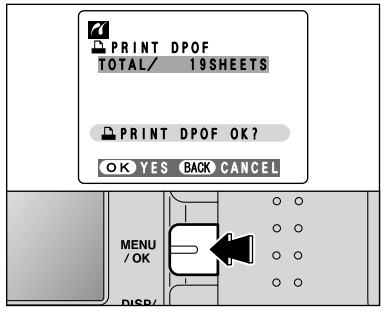
4



① Press "▲" or "▼" to select "🖶PRINT DPOF".
② Press the "MENU/OK" button.

- When "NOT SET DPOF" appears, the DPOF settings are not specified.
- To use DPOF printing, the DPOF settings must be specified on FinePix A330/FinePix A340 beforehand (➡P.35).
- Even when "WITH DATE" is specified in the DPOF settings, the date is not inserted on printers that do not support date printing.

5

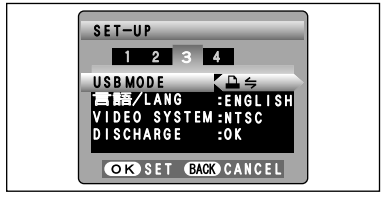


Press the "MENU/OK" button to download the data to the printer and print the frames specified in the DPOF settings.

- Press the "DISP/BACK" button to cancel the printing. Depending on the printer, the printing may not be canceled immediately or printing may stop mid way through. When printing stops mid-way, briefly turn the camera off and then on again.

6.2.2 Specifying images for printing without using DPOF (single-frame printing)

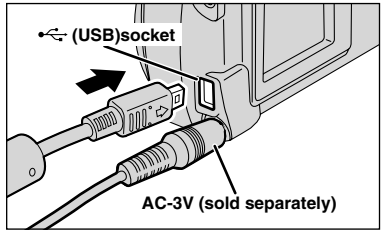
1



Set to "🖶⇋" in the "USB MODE" setting in the "SET-UP" menu (➡P.48).

- Do not connect to a PC when the "USB MODE" setting is set to "🖶⇋". See P.81 if you connect to PC by mistake.

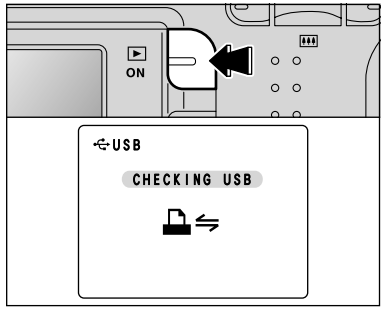
2



① Connect the camera to the printer using the USB cable (included).
② Turn the printer on.

- The camera cannot be used to specify printer settings such as the paper size and print quality.
- Please connect the AC Power Adapter AC-3V (sold separately) or AC-3VW (included with optional PictureCradle CP-FXA10) to your camera.
- Use an **xD-Picture Card** that was formatted on the camera.

3

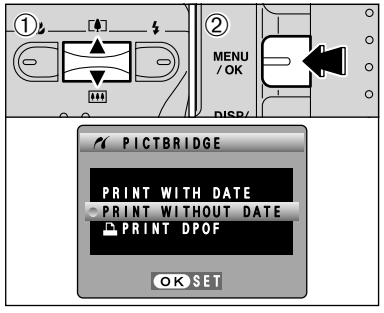


Press the "Playback" button to turn the camera on in Playback mode.
"CHECKING USB" appears and then the menu screen is displayed.

- If the menu screen does not appear, check whether the USB mode setting is "🖶⇋".
- Depending on the printer, some functions are disabled.

Continued

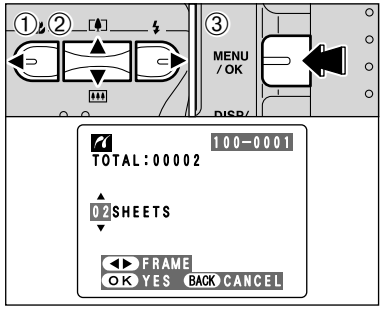
4



① Press "▲" or "▼" to select "PRINT WITH DATE" or "PRINT WITHOUT DATE". If "PRINT WITH DATE" is selected, the date is imprinted on your prints.
② Press the "MENU/OK" button.

"PRINT WITH DATE" is not available when the camera is connected to a printer that does not support date printing.

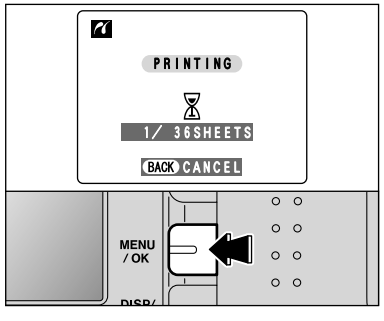
5



① Press "◀" or "▶" to display the frame (file) for which you want to specify PRINT settings.
② Press "▲" or "▼" to set a value up to 99 as the number of copies of the frame (file) to be printed. For frames (files) that you do not want printed, set the number of prints to 0 (zero).
To specify more PRINT settings, repeat steps ① and ②.
③ Always press the "MENU/OK" button to complete the settings.

Movie images cannot be printed.

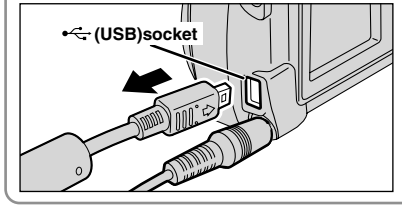
6



Press the "MENU/OK" button to download the data to the printer and start printing the specified number of prints.
To end printing, press the "DISP/BACK" button.

Press the "DISP/BACK" button to cancel the printing. Depending on the printer, the printing may not be canceled immediately or printing may stop mid way through. When printing stops mid-way, briefly turn the camera off and then on again.

◆ Disconnecting the printer ◆



①Check that "PRINTING" is not displayed on the camera's screen.
②Turn the camera off. Unplug the USB cable.

6.3 CONNECTING TO A COMPUTER

6.3.1 Connecting to a Computer

The "Connecting to a Computer" section explains how to connect the camera to your computer using the USB cable (included) and describes the functions you can use once the camera and computer are connected.

If the power cuts out during data transmission, the data will not be transmitted correctly. Always use the AC power adapter when connecting the camera to a computer.

Refer to Section 5 the first time you connect the camera to your computer.
Install the software first. Do not connect the camera with the computer before installing all the software.

CD-ROM
(Software for FinePix AX)

DSC (Mass storage device) mode

This mode provides a simple way to read images from an **xD-Picture Card** and store images onto an **xD-Picture Card** (➡P.66).

WEB WEB CAM (Web Camera) mode

This function allows you to conduct videoconferencing sessions between PCs connected to the Internet.

The WEB Camera function can only be used on Windows XP SP1.
Microsoft Windows Messenger 5.0 or later is required to use the WEB Camera function. Please download it from the Messenger web site.
Images are not output to a TV.

Change between "DSC" and "WEB" in the camera's SET-UP screen.

◆ Using Video Chat with Windows Messenger ◆

Connecting camera to a Computer

① Plug the AC power adapter connector into the "DC IN 3V" socket on the camera and then plug the adapter itself into the main power outlet.
② Turn the camera on in Photography mode (➡P.12).
③ Set the "USB MODE" setting in the "SET-UP" menu to "WEB" (➡P.48).
④ Turn the camera off (➡P.12).
⑤ Turn your PC on.
⑥ Use the USB cable to connect the camera to your computer.
⑦ Turn the camera on in Photography mode (➡P.12).
⑧ Using Video Chat with Windows Messenger, refer to "How to use FinePixViewer" in the HELP menu which was installed from the CD-ROM.

Take care to ensure that the USB cable is connected the correct way around and that the plugs are pushed fully into the connection sockets.

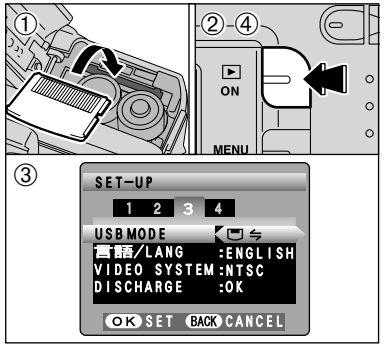
- "WEB CAMERA" appears on the LCD monitor.
- Power save and Auto power off are disabled during USB connection.

Disconnecting the Camera

① Quit all applications (FinePixViewer etc.) that are using the camera.
② Turn the camera off (➡P.12).
③ Unplug the USB cable from the camera.

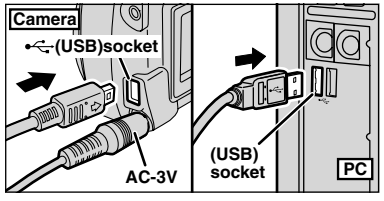
USE AT DSC MODE

1 Set a camera



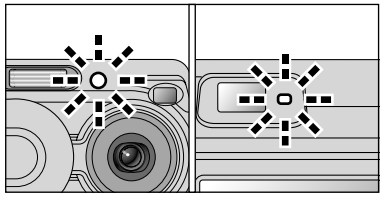
① Insert an **xD-Picture Card** into your camera. Plug the AC power adapter connector into the "DC IN 3V" socket on the camera and then plug the adapter itself into the main power outlet.
② Press the "Playback" button to turn the camera on in Playback mode.
③ Set the "USB MODE" setting in the "SET-UP" menu to "⇋" (➡P.48).
④ Press the "Playback" button to turn the camera off.

2 Connect a camera to a PC



① Turn your PC on.
② Use the USB cable (included) to connect the camera to your computer.
③ Turn the camera on.

Take care to ensure that the USB cable (included) is connected the correct way around and that the plugs are pushed fully into the connection sockets.



- When the camera and PC are exchanging data, the self-timer lamp blinks and the viewfinder lamp blinks alternately green and orange.
- "⇋ DSC" appears on the LCD monitor.
- Power save and Auto power off are disabled during USB connection.

Before replacing the **xD-Picture Card**, always disconnect the camera from the PC using the procedure on P.68.
Do not disconnect the USB cable when the camera is communicating with the PC. See P.68 for information on the disconnection procedure.

3 Set a PC

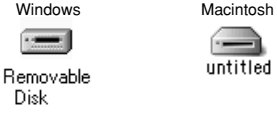
Windows 98 / 98 SE / Me / 2000 Professional / Macintosh

The Windows CD-ROM may also be required during installation. In this event, change CD-ROMs as directed by the on-screen instructions.

- FinePixViewer automatically starts up and the Save Image Wizard window (Save Image dialog box) appears. Follow the instructions provided on screen to save the images at this point. To proceed without saving the images, click the "Cancel" button.

✻ Screen for Windows 98 SE

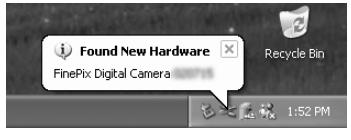
- A removable disk icon appears and you can use your PC to transfer files to and from the camera.



If the above operations do not occur, you do not have the required software programs or drivers installed on your PC. Complete the required PC setup procedures. Then reconnect the camera to your PC.

Windows XP

① The "Found New Hardware" help message appears in the bottom-right corner of your screen. This message will close when the settings are completed. No action is required.



This step is not required for subsequent connections.

② Specify the settings in the "AutoPlay" dialog box.

- **When FinePixViewer is included in the list of actions to perform**
  Select "Viewing images using FinePixViewer" and then select the "Always do the selected action" checkbox (This checkbox may not be shown in some cases).
  Click the [OK] button to launch FinePixViewer.
- **When FinePixViewer is not included in the list of actions to perform**
  Select "Take no action" and then select the "Always do the selected action" checkbox. (This checkbox may not be shown in some cases).
  Click the [OK] button and launch FinePixViewer manually.

③ A new removable disk icon appears in the "My Computer" window.
FinePixViewer automatically starts up and the Save Image Wizard window (Save Image dialog box) appears. Follow the instructions provided on screen to save the images at this point. To proceed without saving the images, click the "Cancel" button.

◆ Regarding the Icons ◆

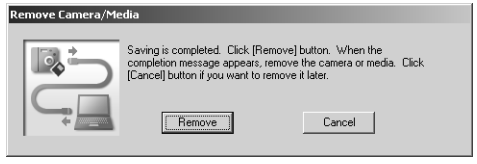
The next time you connect the camera, the removable disk drive icon and name change to the "FinePix" icon and name.

Proceed to "USING FinePixViewer" on P.69.

6.3.2 Disconnecting the Camera

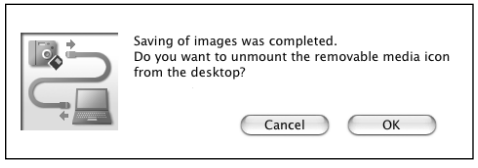
1 **Windows**

Once the image has been saved, the “Remove Camera/Media” window appears (Save Image Wizard Windows). To disconnect the camera, click the [Remove] button.

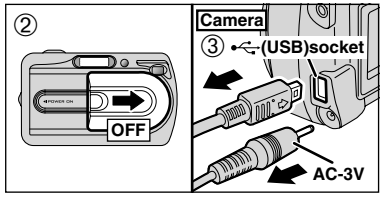

Remove Camera/Media
Saving is completed. Click [Remove] button. When the completion message appears, remove the camera or media. Click [Cancel] button if you want to remove it later.
Remove
Cancel

Macintosh

Once the image has been saved, the “Remove camera/media” window appears (Save Image dialog box). To disconnect the camera, click the [OK] button.



2



① When the “It is now safe to disconnect the camera” message appears, click the [OK] button and disconnect the camera.
② Turn the camera off.
③ Unplug the USB cable (included) from the camera.

6.4.1 Mastering FinePixViewer

For all information on FinePixViewer functions, refer to “How to Use FinePixViewer” in the Help menu for details.

◆ **Macintosh** ◆

● **To read “How to Use FinePixViewer”...**
You must install Adobe Systems’ Acrobat Reader. See P.57 for information on installing Acrobat Reader.
For more information on using Acrobat Reader, refer to the Acrobat Reader “Help” menu.

● **What is explained in “How to Use FinePixViewer”...**
“How to Use FinePixViewer” covers a range of topics, including batch processing and ordering prints.

■ Example: Looking up slide shows

① Click “How to Use FinePixViewer” in the FinePixViewer Help menu.
② Click “Basic Operation” and then click “Basic Slide Show Operations” in the menu that appears.
③ The “Basic Slide Show Operations” information appears. Press the “<<<” key to view the previous page or the “>>>” key to view the next page.

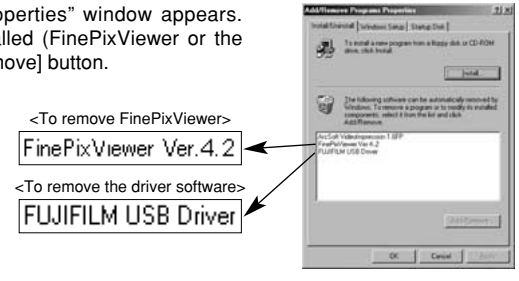
6.4.2 Uninstalling the Software

Only perform this operation when you no longer require the installed software or when the software was not installed correctly.

Windows

① Check that the camera is not connected to the PC.
② Quit all currently running applications.
③ Open the “My Computer” window, open the “Control Panel”, and double-click “Add/Remove Programs”.

④ The “Add/Remove Programs Properties” window appears. Select the software to be uninstalled (FinePixViewer or the driver) and then click the [Add/Remove] button.



Continued

⑤ When the message appears, click the [OK] button. Check your selection carefully since the process cannot be cancelled once you click [OK] button.

⑥ Automatic uninstallation begins.
When uninstallation ends, click the [OK] button.

Macintosh

Mac OS 9.2

■ Uninstalling Exif Launcher, FinePixViewer

① After you have quit Exif Launcher in “Exif Launcher Settings” in the FinePixViewer “Settings” menu, move the Exif Launcher file from the “Startup Items” folder in the System folder to the Trash. Then select “Empty Trash” in the “Special” menu.
② After you have exited FinePixViewer drag the installed FinePixViewer folder to the Trash. Then click “Empty Trash” in the “Special” menu.

Mac OS X

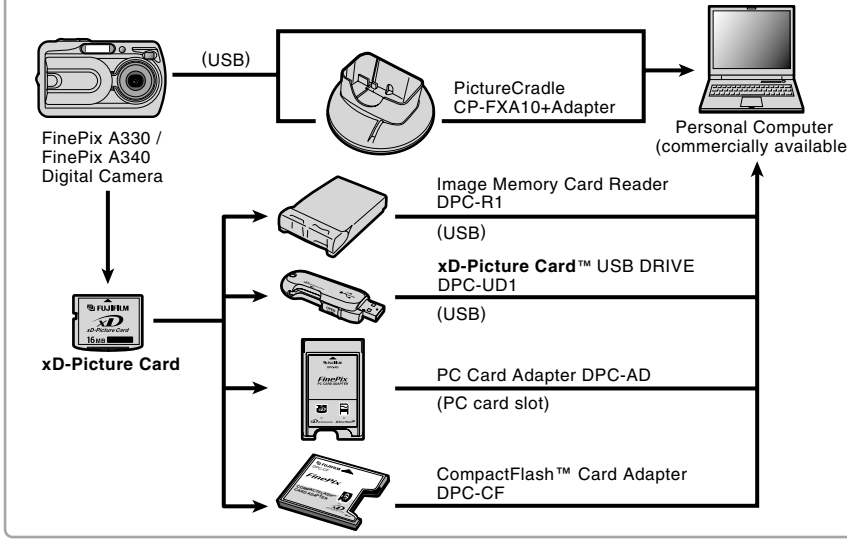
■ Uninstalling FinePixViewer

Quit FinePixViewer. Then drag the installed FinePixViewer folder to the Trash and select “Empty Trash” in the “Special” menu.

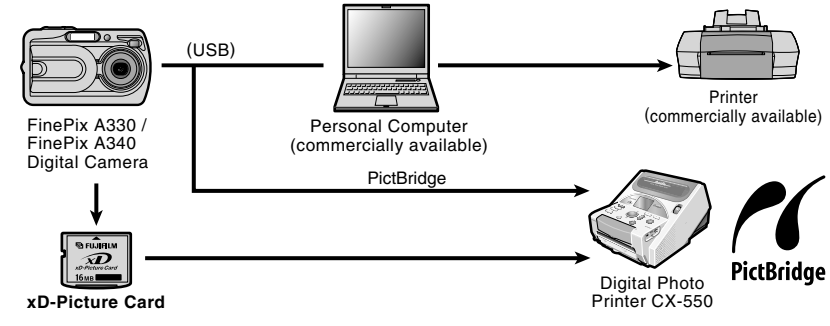
System Expansion Options

▶By using the FinePix A330/FinePix A340 together with other optional FUJIFILM products, your system can be expanded to fill a wide range of uses.

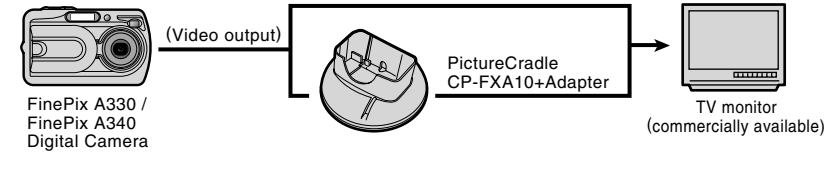
■ Image input/output to the PC



■ Print creation



■ Video output

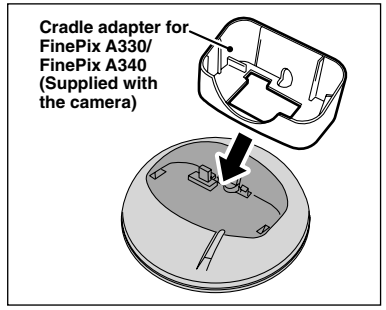


System Expansion Options

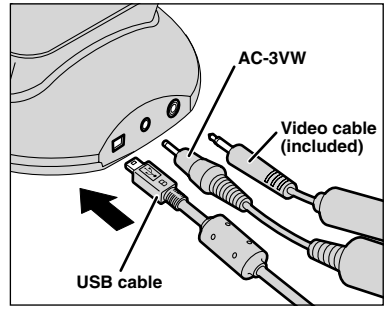
◆ Overview of the Optional Cradle ◆

For a detailed description of the cradle and how to use it, refer to the Owner's Manual supplied with the cradle.

●Installing the cradle

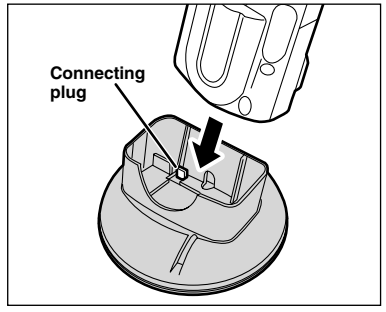


Set the for FinePix A330/FinePix A340 cradle adapter supplied with the camera into the cradle.

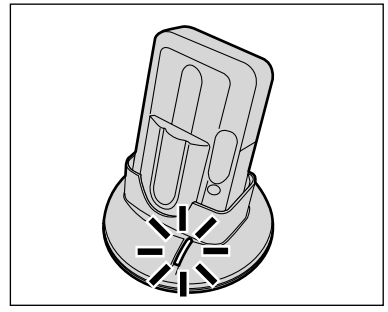


Connect the AC-3VW, video cable (included) or USB cable to the cradle.

●Charging the Rechargeable Battery NH-10

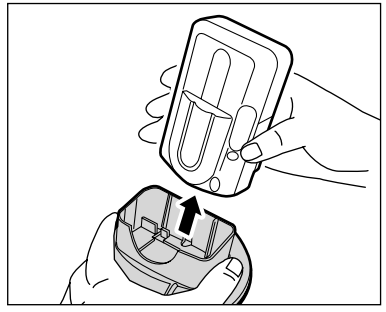


Load the camera containing a Rechargeable Battery NH-10 into the cradle.



Charging begins when you load the camera into the cradle.

●Taking the camera out of the cradle



Hold the cradle firmly and lift the camera out.

Images are not output to a TV in still image or movie recording mode or in WEB Camera mode.

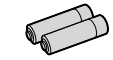
Accessories Guide

▶ Visit the FUJIFILM web site for the latest information on camera accessories.
http://home.fujifilm.com/products/digital/index.html

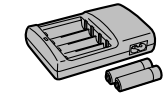
● xD-Picture Card
DPC-16 (16 MB)/DPC-32 (32 MB)/DPC-64 (64 MB)/DPC-128 (128 MB)/DPC-256 (256 MB)/DPC-512 (512 MB)

● AC Power Adapter AC-3V
Use the AC-3V when you want to take pictures or play back images for long periods or when the FinePix A330/ FinePix A340 is connected to a personal computer.
Do not use the AC-3V to charge the camera batteries with the cradle.
✻ The shape of the AC power adapter, the plug and socket outlet depend on the country.

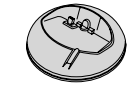
● Fujifilm Rechargeable Battery 2HR-3UF
The 2HR-3UF includes 2 pieces of high-capacity AA-size Nickel-Metal Hydride (Ni-MH) batteries.



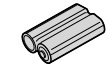
● Fujifilm Battery Charger with Battery BK-NH/BK-NH2 (With Euro type or UK type plug)
The BK-NH/BK-NH2 includes the quick battery charger BCH-NH/BCH-NH2 and 2 Ni-MH batteries. The BCH-NH/BCH-NH2 can charge 2 Ni-MH batteries in approximately 120 minutes. Up to 4 Ni-MH batteries can be charged simultaneously.



● PictureCradle CP-FXA10
If you connect the AC power and USB cable to this cradle, you can charge the camera battery pack in the camera or connect the camera to your computer just by placing the camera in the cradle.
The rechargeable battery NH-10 and AC Power Adapter AC-3VW are supplied with the Picture Cradle CP-FXA10. Ni-MH batteries (comarcially available) can not be charged with this cradle.
To use the cradle for charging the camera batteries, use the AC-3VW power adapter supplied with the cradle.



● Rechargeable Battery NH-10
This is a battery pack that uses nickel-metal hydride (Ni-MH) batteries. The NH-10 can be charged using the Digital Camera FinePix A330/FinePix A340 and Cradle CP-FXA10, or the AC Power Adapter AC-3VW.
Obtain this battery pack if you need a spare battery after purchasing the cradle.



● Carrying Case SC-FXA02
This is a special case made of polyester that protects the camera against soil, dust and minor impacts when it is being carried.

● Image Memory Card Reader DPC-R1
The DPC-R1 provides a quick and easy way to transfer images back and forth between your PC and an image memory card (**xD-Picture Card** and SmartMedia). The DPC-R1 uses the USB interface for high-speed file transfer.
- Compatible with Windows 98/98 SE, Windows Me, Windows 2000 Professional, Windows XP or iMac, Mac OS 8.6 to 9.2.2, Mac OS X (10.1.2 to 10.2.2) and models that support USB as standard.
- Compatible with **xD-Picture Card** of 16 MB to 512 MB, and SmartMedia of 3.3V, 4 MB to 128 MB.

● PC Card Adapter DPC-AD
The PC Card Adapter allows the **xD-Picture Card** and SmartMedia to be used as a PC Card Standard ATA-compliant (PCMCIA 2.1) PC card (Type Ⅱ).
- Compatible with **xD-Picture Card** of 16 MB to 512 MB, and SmartMedia of 3.3V, 2 MB to 128 MB.

● CompactFlash™ Card Adapter DPC-CF
Loading an **xD-Picture Card** into this adapter allows you to use the card as a CompactFlash card (Type Ⅰ).
- Windows 95/98/98 SE/Me/2000 Professional/XP
- Mac OS 8.6 to 9.2/X (10.1.2 to 10.1.5)

● xD-Picture Card™ USB Drive DPC-UD1
This is a compact card reader for **xD-Picture Card**s. Simply plug the drive into the USB port to read and write data to an **xD-Picture Card** (No driver installation is required except on Windows 98/98 SE).
- Compatible with **xD-Picture Card** of 16 MB to 512 MB
- Windows 98/98 SE/Me/2000 Professional/XP
- Mac OS 9.0 to 9.2/X (10.0.4 to 10.2.6)

Using Your Camera Correctly

▶ Read this information and the "Safety Notes" (➥P.87), to make sure you use your camera correctly.

■ Places to Avoid
Do not store or use the camera in the following types of locations:
- In the rain or in very humid, dirty or dusty places
- In direct sunlight or in places subject to extreme temperature rises, such as in a closed car in summer
- Extremely cold places
- Places with strong vibration
- Places with smoke or steam
- Places subject to strong magnetic fields (such as near motors, transformers or magnets)
- In contact with chemicals such as next to rubber or vinyl products

■ Damage by Water or Sand
The FinePix A330/FinePix A340 can be damaged on the inside and outside by water and sand. When you are at the beach or close to water, make sure that the camera is not damaged by water or sand. Take care not to place the camera on a wet surface.

■ Damage by Condensation
If the camera is carried from a cold location into a warm place, water droplets (condensation) may form on the inside of the camera or on the lens. When this occurs, turn the camera off and wait an hour before using the camera. Condensation may also form on the **xD-Picture Card**. In this event, remove the **xD-Picture Card** and wait a short time.

■ When the Camera is Not Used or is stored Periods of Time
If you do not intend to use the camera for a long period of time, remove the batteries and the **xD-Picture Card**.

■ Cleaning Your Camera
- Use a blower brush to remove dust from the lens, LCD monitor screen or viewfinder, and then wipe lightly with a soft, dry cloth. If any soiling remains, apply a small amount of lens cleaning liquid to a piece of FUJIFILM lens cleaning paper and wipe gently.
- Do not scratch hard objects against the lens, LCD monitor screen or viewfinder as these surfaces are easily damaged.
- Clean the body of the camera with a soft, dry cloth. Do not use volatile substances or cleaning products these items can cause damage.

■ Using the Camera When Traveling
When travelling overseas, do not place your camera in the check-in baggage. Baggage can be subjected violent shocks, and the camera may be damaged inside or outside.

Power Supply and Batteries

Applicable Batteries
- In the camera, use AA-size alkaline or nickel-metal hydride batteries and the rechargeable battery NH-10.
  Do not use AA-size manganese or nickel-cadmium (Ni-Cd) batteries in your FinePix A330/FinePix A340 because the heat created by the batteries could damage the camera or cause is not to work.
- The life of alkaline batteries varies between brands. The life of batteries you purchase may be shorter than those provided with the camera.

Notes on the Batteries
Incorrect use of the batteries could cause them to leak, become hot, ignite or burst. Always observe the precautions given below.
- Do not heat the batteries or throw them into a fire.
- Do not carry or store batteries with metal objects such as necklaces or hairpins.
- Do not expose the batteries to water, and keep batteries from getting wet or stored in moist locations.
- Do not attempt to take apart or change the batteries, including battery casings.
- Do not subject the batteries to strong impacts.
- Do not use batteries that are leaking, deformed, discolored.
- Do not store batteries in warm or humid places.
- Keep the batteries out of reach of babies and small children.
- Make sure that the battery polarity (⊕ and ⊖) is correct.
- Do not use new with used batteries. Do not use charged and discharged batteries together.
- Do not use different types or brands of batteries at the same time.
- If you do not intend to use the camera for a long period of time, remove the batteries from the camera (Note if the camera is left with the batteries removed, the time and date settings are cleared).
- The batteries feel warm right after being used. Before removing the batteries, turn the camera off and wait for the batteries cool down.
- Since batteries do not work well in cold weather or locations, warm the batteries by placing it inside your garments before use. A battery that is not working well due to cold will work again when the temperature is return to normal.
- Soil (such as fingerprints) on the battery terminals makes the batteries charge less reducing the number of images they will allow you to take. Carefully wipe the battery terminals with a soft dry cloth before loading.

⚠ If any liquid at all leaks from the batteries, wipe the battery compartment thoroughly and then load new batteries.
⚠ If any battery fluid comes into contact with your hands or clothing, flush the area thoroughly with water. Note that battery fluid can cause loss of eyesight if it gets into your eyes. If this occurs, do not rub your eyes. Flush the fluid out with clean water and contact your physician for treatment.

■ Disposing of Batteries
When disposing of batteries, do so in accordance with your local waste disposal regulations.

Using the AA-size Ni-MH Batteries and the Rechargeable Battery NH-10 Correctly
- As a power source in digital cameras, AA-size Ni-MH batteries and the Rechargeable Battery NH-10 (referred to hereafter as Ni-MH batteries) are superior to alkaline batteries in several ways, such as allowing more shots to be taken with the camera. However, care must be taken with the way Ni-MH batteries are used if their original performance is to be maintained.
- Ni-MH batteries left unused in storage for long periods can become "deactivated". Also, repeatedly charging Ni-MH batteries that are only partially discharged can cause them to suffer from the "memory effect".
  Ni-MH batteries that are "deactivated" or affected by "memory" suffer from the problem of only providing power for a short time after being charged. To prevent this problem, discharge and recharge them several times using the camera's "Discharging rechargeable batteries" function. By repeating this cycle several times, the temporary reduction in performance caused by "memory" or "deactivation" can be remedied and the batteries can be restored to their original performance levels.
  Deactivation and memory are specific to Ni-MH batteries and are not in fact battery faults. See P.76 for the procedure for "Discharging rechargeable batteries".

Do not use the "Discharging rechargeable batteries" function when alkaline batteries are being used.

- To charge Ni-MH batteries, use the quick battery charger (sold separately). Refer to the instructions supplied with the charger to ensure that the charger is used correctly.
- Do not use the battery charger to charge other batteries.
- Note that the batteries feel warm after being charged.
- Due to the way the camera is constructed, a small amount of current is used even when the camera is turned off. Note in particular that leaving AA-size Ni-MH batteries and the Rechargeable Battery NH-10 in the camera for a long period will overdischarge the batteries and may render them unusable even after recharging.
- Ni-MH batteries and the Rechargeable Battery NH-10 will self-discharge even when not used, and the time for which they can be used may be shortened as a result.
- The rechargeable battery NH-10 can be charged by setting the camera in the PictureCradle CP-FXA10 (sold separately).
- Ni-MH batteries cannot be charged using a combination of the camera and the cradle.
- Ni-MH batteries will deteriorate rapidly if overdischarged (eg. by discharging the batteries in a flashlight). Use the "Discharging rechargeable batteries" function provided in the camera to discharge the batteries.
- Ni-MH batteries have a limited service life. If a battery can only be used for a short time even after repeated discharge-charge cycles, it may have reached the end of its service life.

AC Power Adapter
Always use only the AC-3V AC Power Adapter (sold separately) or the AC-3VW AC Power Adapter (supplied with PictureCradle sold separately). The use of other AC power adapters may result in damage to your camera.
- The AC-3V cannot be used to charge the NH-10 Rechargeable Battery.
- Use AC power adapter for indoor use only.
- Plug the connection cord plug securely into the DC input terminal of the FUJIFILM Digital camera.
- Turn off the FUJIFILM Digital camera before disconnecting the cord from the FUJIFILM Digital camera's DC input terminal. To disconnect, pull out the plug gently (Do not pull on the cord).
- Do not use this AC power adapter with any device other than your camera.
- During use, the AC power adapter will become hot to the touch. This is normal.
- Do not take apart the AC power adapter. Doing so could be dangerous.
- Do not use this device in a place with hot humid place.
- Do not subject AC power adapter to strong shocks.
- This device may emit a humming. But this is normal.
- If used near a radio, this device may cause static, if this happens move the camera away from the radio.

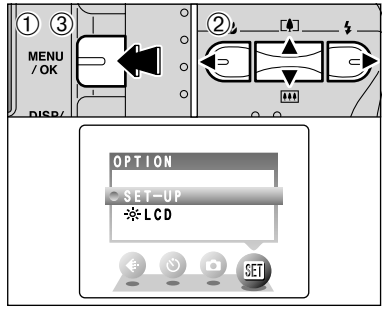
Procedure for discharging rechargeable Ni-MH batteries

Only use the "Discharging rechargeable batteries" function with Ni-MH batteries (rechargeable batteries).
The "Discharging rechargeable batteries" function should not be used with alkaline batteries as it will completely drain the battery charge.

Use the "Discharging rechargeable batteries" function in the following situations:
- When the batteries can only be used for a short time after being charged normally
- When the batteries have not been used for a long period
- When you purchase new Ni-MH batteries

Do not use the "Discharging rechargeable batteries" function when the camera is set in the cradle or while using the AC power adapter. In these situations, the Ni-MH batteries will not be discharged due to the external power supply.

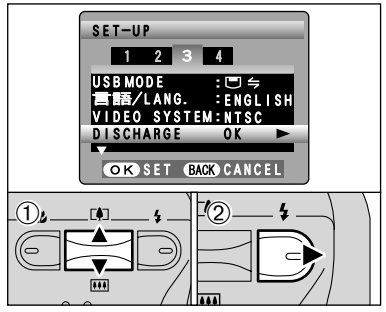
1



① Press the "MENU/OK" button.
② Press "◄" or "►" to select "SET" OPTION and then press "▲" or "▼" to select "SET-UP".
③ Press the "MENU/OK" button.

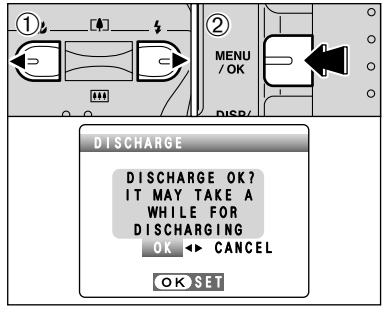
Remove the camera from the cradle when discharging batteries.
Do not use the procedure for discharging rechargeable batteries with alkaline batteries.

2



① Press "◄" or "►" to move to option 3 and then press "▲" or "▼" to select "DISCHARGE".
② Press "►".

3



① Press "◄" or "►" to select "OK".
② Press the "MENU/OK" button.
The screen changes and discharging begins.
When the battery level indicator blinks red and discharging ends, the camera turns off.

To cancel discharging, press the "DISP/BACK" button.

Notes on the xD-Picture Card™

■ Image Memory Card
- This Image Memory Card is a new image recording media (**xD-Picture Card**) developed for digital cameras. The Image Memory Card consists of a semiconductor memory (NAND-type flash memory) to record digital image data.
  The recording process is electrically performed and enables erasure of existing image data as well as re-recording of new image data.
- When using a new Memory Card, or a Memory Card that has been formatted by a PC, be sure to format the card with your digital camera before using it.

■ Protecting Your Data
- Images and movies may be lost or destroyed in the following situations. Please note that FUJIFILM assumes no responsibility for data that is lost or destroyed.
  1. Removal of the memory card or turning the power off while the memory card is being accessed (i.e., during record, erase, initialization, and playback operations).
  2. Improper handling and use of the memory card by the user or third party.
- Save your important data to another media (i.e., MO disk, CD-R, hard disk, etc.).

■ Handling **xD-Picture Card**
- When storing **xD-Picture Card**s, make sure that they are kept out of the reach of children. An **xD-Picture Card** could be swallowed cause suffocation. If a child swallows an **xD-Picture Card**, seek medical attention or call emergency number right away.
- When inserting the **xD-Picture Card** into the camera, hold the **xD-Picture Card** straight as you push it in.
- **xD-Picture Card** are precision electronic devices. Do not bend, drop or otherwise subject the **xD-Picture Card** to strong force or shocks.
- Do not use or store **xD-Picture Card** in hot humid places or in places where they are exposed to corrosive substances.
- Clean the **xD-Picture Card** with a soft dry piece of cloth when dirty.
- When carrying or storing an **xD-Picture Card**, keep it in the special protective case.
- The **xD-Picture Card** will work well for long time, but will sooner or later lose its ability to store and play back images or movies. If this happens replace it with a new **xD-Picture Card**.
- Never remove the **xD-Picture Card** or turn the camera off during data recording or erasing (**xD-Picture Card** formatting) as this could be damaged to the **xD-Picture Card**.
- The use of **xD-Picture Card**s is recommended with the FinePix A330/FinePix A340.
  The recording quality cannot be guaranteed when an **xD-Picture Card** other than those manufactured by FUJIFILM are used.
- The **xD-Picture Card** may feel warm when it is removed from the camera after taking pictures. This is normal.
- Do not put labels on the **xD-Picture Card**. Peeling labels can cause the camera not to work properly.

■ Using **xD-Picture Card** with a PC
- When you take pictures using an **xD-Picture Card** that has been used on a PC, reformat the **xD-Picture Card** using your camera for best quality.
- When you format an **xD-Picture Card**, a directory (folder) is created. Image data is then recorded in this directory.
- Do not change or delete the directory (folder) or file names on the **xD-Picture Card** because this will make it impossible to use the **xD-Picture Card** in your camera.
- Always use the camera to erase image data on an **xD-Picture Card**.
- To edit image data, copy the image data to the PC and edit the copy.
- Do not copy files other than those that will be used by the camera.

■ Specifications

Type	Image memory card for digital cameras (**xD-Picture Card**)
Memory type	NAND-type flash memory
Conditions for use	Temperature: 0°C to +40°C (+32°F to +104°F) Humidity: 80% max. (no condensation)
Dimensions	25 mm × 20 mm × 2.2 mm (0.98 in. × 0.79 in. × 0.09 in.) (W × H × D)

Warning Displays

▶The table below lists the warnings that are displayed on the LCD monitor.

Warning Displayed	Explanation	Remedy
(Lit red) (Blinking red)	The batteries in the camera are fully depleted or very low on charge.	Load new or fully charged batteries.
!	There is a strong likelihood of camera shake because the shutter speed is slow.	Use flash photography. However, use a tripod for some scenes and modes.
!AE	Outside the AE continuous range.	The picture can be taken, but the correct brightness (exposure) will not be obtained.
!AF	The AF (auto focus) cannot work effectively.	• If the image is too dark, take the picture at a distance of around 2 m (6.6 ft.) from the subject. • Use AF lock to take the picture.
NO CARD	No **xD-Picture Card** is inserted.	Insert an **xD-Picture Card**.
CARD NOT INITIALIZED	• The **xD-Picture Card** is not formatted. • The **xD-Picture Card** contact area is soiled. • Camera fault.	• Format the **xD-Picture Card** in the camera. • Wipe the contact area on the **xD-Picture Card** with a soft dry cloth. It may be necessary to format the **xD-Picture Card**. If the error message is still displayed, replace the **xD-Picture Card**. • Contact your FUJIFILM dealer.
CARD ERROR	• The **xD-Picture Card** contact area is soiled. • The **xD-Picture Card** is damaged. • The **xD-Picture Card** format is incorrect. • Camera fault.	• Wipe the contact area on the **xD-Picture Card** with a soft dry cloth. It may be necessary to format the **xD-Picture Card**. If the error message is still displayed, replace the **xD-Picture Card**. • Contact your FUJIFILM dealer.
CARD FULL	The **xD-Picture Card** is fully recorded.	Erase some images or use an **xD-Picture Card** that has ample free space.
READ ERROR	• The file played back was not recorded correctly. • The **xD-Picture Card** contact area is soiled. • Camera fault. • You attempted to play a movie that was not recorded on this camera.	• Images cannot be played back. • Wipe the contact area on the **xD-Picture Card** with a soft dry cloth. It may be necessary to format the **xD-Picture Card**. If the error message is still displayed, replace the **xD-Picture Card**. • Contact your FUJIFILM dealer. • Movies cannot be played back.
FRAME NO. FULL	The frame number has reached 999–9999.	① Insert a formatted **xD-Picture Card** into the camera. ② Set “RENEW” as the FRAME NO. setting in the SET-UP menu. ③ Start taking pictures. (The frame numbers start from “100-0001”.) ④ Set “CONT.” as the FRAME NO. setting in the SET-UP menu.
WRITE ERROR	• The data could not be recorded due to an **xD-Picture Card** error or a connection error between the **xD-Picture Card** and camera. • The image cannot be recorded as it is too large to fit in the available space on the **xD-Picture Card**.	• Re-insert the **xD-Picture Card** or turn the camera off and then on again. If the error message is still displayed, contact your FUJIFILM dealer. • Use a new **xD-Picture Card**.
PROTECTED FRAME	A protected file was encountered.	Protected files cannot be erased. Remove the protection.

Warning Displayed	Explanation	Remedy
DPOF FILE ERROR	Prints were specified for 1000 or more frames in the DPOF frame settings.	The maximum number of frames for which prints can be specified on the same **xD-Picture Card** is 999. Copy the images for which you want to order prints onto another **xD-Picture Card** and then specify the DPOF settings.
FOCUS ERROR ZOOM ERROR	Camera malfunction or fault.	• Turn the camera on again, taking care not to touch the lens. • Turn the camera off and on again. If the message is still displayed, contact your FUJIFILM dealer.
CAN NOT SET DPOF	Movie selected in the DPOF settings.	You cannot use DPOF to order prints of movies.
COMMUNICATION ERROR	Displayed for PictBridge.	• Check that the USB cable is connected properly. • Check that your printer is turned on.
PRINTER ERROR	Displayed for PictBridge.	• Check that the printer is not out of paper or out of ink. • Turn the printer off briefly and then turn it back on. • Refer to the user manual supplied with your printer.
PRINTER ERROR RESUME?	Displayed for PictBridge.	Check that the printer is not out of paper or out of ink. Printing automatically restarts when the error is cleared. If the error message still appears after checking, press the “MENU/OK” button to restart printing.
CANNOT BE PRINTED	Displayed for PictBridge.	• Refer to the user manual for the printer being used and check whether the printer supports the JFIF-JPEG or Exif-JPEG image format. If not, the printer cannot print the image (s). • Movie images cannot be printed. • Was the image data photographed using FinePix A330/FinePix A340? You may not be able to print some images photographed on other cameras.
PRINTING	Displayed for PictBridge.	This message appears when printing is performed from a FUJIFILM printer that supports PictBridge. Refer to the user manual for the printer for details.

Troubleshooting

▶If you think the camera is faulty, check the following once more.

Troubleshooting	Possible causes	Solutions
No power.	• The batteries have run out. • The batteries are loaded backwards. • The battery cover is not closed properly. • The AC power adapter plug has come out of the power outlet.	• Load new or fully charged batteries. • Load the batteries in the correct direction. • Close the battery cover correctly. • Plug the adapter back in.
Nothing happens when I press the “Playback” button.	• Lens cover is opened. • Camera malfunction. • The batteries run out.	• Close the lens cover. • Briefly remove the batteries or disconnect the AC power adapter. Then reload the batteries or reconnect the AC power adapter and try again. • Load new or fully charged batteries.
Power cuts out during operation.	The batteries run out.	Load new or fully charged batteries.
Batteries run out quickly.	• You are using the camera in extremely cold conditions. • The terminals are soiled. • The batteries get un-rechargeable.	• Put the batteries in your pocket or another warm place to heat them and then load them into the camera just before you take a picture. • Wipe the battery terminals with a clean, dry cloth. • Load new batteries.
No photograph is taken when the Shutter button is pressed.	• No **xD-Picture Card** is inserted. • The **xD-Picture Card** is fully recorded. • The **xD-Picture Card** is not formatted. • The **xD-Picture Card** contact area is soiled. • The **xD-Picture Card** is damaged. • The Auto power off function has switched the camera off. • The batteries run out.	• Insert an **xD-Picture Card**. • Insert a new **xD-Picture Card** or erase some unwanted frames. • Format the **xD-Picture Card**. • Wipe the **xD-Picture Card** contact area with a clean dry cloth. • Insert a new **xD-Picture Card**. • Turn the camera on. • Load new or fully charged batteries.
Can’t use the flash.	• The flash is set to Suppressed Flash mode. • You pressed the Shutter button while the flash was charging. • The batteries run out.	• Set the Flash mode to Auto, Red-eye Reduction or Forced Flash (The flash cannot be used in some modes). • Wait until the flash has finished charging before pressing the Shutter button. • Load new or fully charged batteries.
The playback image is too dark even though the flash was used.	• The Subject is too far away. • Your finger was covering the flash.	• Move to within the effective flash range before taking the picture. • Hold the camera correctly.
The image is blurred.	• The lens is dirty. • The photographed subject was too dark. • You photographed scenery with Macro mode selected. • You took a close-up shot without selecting Macro mode. • You are shooting a subject that is not suited to autofocusing.	• Clean the lens. • Try standing approx. 2 m (6.6 ft.) from your subject to take the picture. • Cancel Macro mode. • Select Macro mode. • Use AF/AE lock to take the picture.
There is speckling on the image.	The shot was taken with a slow shutter speed (long exposure) in a high-temperature environment.	This is a characteristic of CCDs and does not indicate a camera fault.
Can’t format the **xD-Picture Card**.	The **xD-Picture Card** contact area is soiled.	Wipe the **xD-Picture Card** contact area with a clean dry cloth.

Troubleshooting	Possible causes	Solutions
Frame erase does not erase the frame. The ERASE ALL function does not erase all the frames.	Some frames may be protected.	Unprotect frames using the camera on which the protection was first applied.
Screens are not displayed in English.	• A language other than English is selected in the “言語/LANG.” setting in SET-UP (➡P.49).	①Press the “MENU/OK” button to display the menu on the LCD monitor. ②Press “◀” or “▶” to select “SET-UP” and press “▲” or “▼” to select “SET-UP” (SET-UP screen appears on the LCD monitor). ③Press “◀” or “▶” to move to option 3 and then use “▲” or “▼” to select “言語/LANG.”. ④Press “◀” or “▶” several times to select “ENGLISH”. ⑤Press the “MENU/OK” button.
There is no image on the TV.	• Photography mode is selected (FinePix A330 only). • The camera is not connected to the TV correctly. • “TV” is selected as the TV input. • The video output setting is incorrect.	• Images do not appear on a TV when Photography mode is selected (FinePix A330 only). • Connect the camera and TV correctly. • Set the TV input to “VIDEO”. • Change the setting to “NTSC” or “PAL” (➡P.49).
When the camera is connected to a personal computer (PC), the photographed image appears on the camera’s LCD monitor.	• The USB cable (included) is not correctly connected to the PC or camera. • The PC is not turned on.	• Set up the camera and the USB cable (included) correctly. • Turn the PC on.
The camera no longer works correctly.	The camera has suffered an unforeseen problem.	Briefly remove the batteries or disconnect the AC power adapter. Then reload the batteries or reconnect the AC power adapter and try again.
Can’t print with PictBridge.	“⇋” is not selected in USB mode in the SET-UP menu.	Select “⇋” in USB mode in the SET-UP menu.
The camera was connected to PC when the USB mode was set to “⇋”.		Perform steps ① to ③ to remove the camera from PC. ● Windows ① The “New Hardware Found” wizard (or “Scanner and Camera” wizard) appears. If the wizard does not appear, proceed to step ③. ② Click the [Cancel] button. ③ Disconnect the camera from the PC. ● Macintosh ① The window for locating the driver appears. If the window does not appear, proceed to step ③. ② Click the [Cancel] button. ③ Disconnect the camera from the Macintosh.

Specifications (FinePix A330)

System

Model	Digital camera FinePix A330
Number of effective pixels	3.2 million pixels
CCD sensor	1/2.7 inch square pixel CCD Number of total pixels 3.34 million pixels
Number of recorded pixels	Still image: 2016 × 1512 pixels/1600 × 1200 pixels/1280 × 960 pixels (3M/2M/1M) Movie: 320 × 240 pixels (10 frames per second without sound) 160 × 120 pixels (10 frames per second without sound)
Storage media	**xD-Picture Card** (16/32/64/128/256/512 MB)
File format	Still image: JPEG (Exif ver. 2.2) ✻ Design rule for Camera File System compliant DPOF compatible Movie: AVI format, Motion JPEG
Lens	Fujinon 3 × optical zoom lens, F2.8-F4.8
Aperture	F2.8 to F4.8/F5.6 to F9.5 (automatically selected)
Focal length	f=5.7 mm to 17.1 mm (Equivalent to 38 mm to 114 mm on a 35 mm camera)
Focal range	Normal: Approx. 0.6 m (2.0 ft.) to infinity Macro: Approx. 0.1 m (3.9 in.) to 0.8 m (2.6 ft.)
Shutter speed	2 sec. to 1/2000 sec. (combined with mechanical shutter)
Focus	TTL contrast-type, Auto focus
Sensitivity	Equivalent to ISO100 (at flash off)
Photometry	TTL 64-zones metering
Exposure control	Program AE
Exposure compensation	–2.1 EV to +1.5 EV in 0.3-step increments (in Manual mode)
White balance	Auto Manual modes, 7 positions can be selected
Viewfinder	Real image optical Approx. 80% coverage
LCD monitor	1.5-inches, 60,000-pixel Amorphous silicon TFT, Approx. 90% coverage
Flash	Auto flash Effective range: Wide-angle: Approx. 0.6 m to 3.5 m (2.0 ft. to 11.5 ft.) (Approx. 0.3 m to 0.8 m (1.0 ft. to 2.6 ft.): Macro) Telephoto: Approx. 0.6 m to 3.0 m (2.0 ft. to 9.8 ft.) Flash modes: Auto, Red-Eye Reduction, Forced Flash, Suppressed Flash, Slow Synchro*, Red-Eye Reduction + Slow Synchro* ✻ In Manual mode
Self-Timer	10 sec.
Video output	NTSC/PAL selectable

Input/Output Terminals

Video output socket	2.5 mm dia. jack
(USB) socket	For file transfer to a computer and connection to the optional cradle
DC Input	Socket for specified AC power adapter AC-3V (sold separately) Connection for the AC Power Adapter AC-3VW bundled with the cradle (sold separately)

Power Supply and Others

Power supply

Use one of the following:
- 2×AA-size alkaline batteries
- Rechargeable Battery NH-10 (sold separately)
- 2×AA-size Ni-MH (Nickel-Metal Hydride) batteries (sold separately)
- AC-3VW (PictureCradle CP-FXA10, sold separately)
- AC Power Adapter AC-3V (sold separately)

Guide to the number of available frames for battery operation

Battery Type	With LCD monitor ON	With LCD monitor OFF
Alkaline batteries	Approx. 160 frames	Approx. 250 frames
Rechargeable Battery NH-10	Approx. 250 frames	Approx. 400 frames
Ni-MH batteries 2300 mAh	Approx. 330 frames	Approx. 540 frames

The number of available frames for battery operation given here is a guide to the number of consecutive shots that can be taken under FUJIFILM test conditions.
- Batteries used: alkaline batteries bundled with the camera
  fully charged Ni-MH batteries or the NH-10 Rechargeable Battery
- Shooting conditions: Measured at normal temperature with 50% flash use
- Note: Because the number of available frames that can be taken varies depending on the capacities of alkaline batteries and the amount of charge in Ni-MH batteries or NH-10 Rechargeable Battery, the figures given here for the number of frames that can be taken using batteries are not guaranteed. At low temperatures, fewer pictures can be taken when the camera is running on batteries.

Conditions for use	Temperature: 0°C to +40°C (+32°F to +104°F); 80% humidity or less (no condensation)
Camera dimensions (W/H/D)	104.1 mm × 61.5 mm × 31.3 mm/4.1 in. × 2.4 in. × 1.2 in. (not including accessories and attachments)
Camera mass (weight)	Approx. 145 g/5.1 oz. (not including accessories, batteries and **xD-Picture Card**)
Weight for photography	Approx. 193 g/6.8 oz. (including batteries and **xD-Picture Card**)
Accessories	See P.7
Optional Accessories	See P.73

■ Standard number of available frames/recording time per xD-Picture Card

The number of available frames, recording time or file size varies slightly depending on the subjects photographed. Note also that the divergence between standard number of available frames and the actual number of available frames is greater for **xD-Picture Card**s with higher capacities.

Quality Setting	3M 3M		2M 2M	1M 1M	Movie 320	Movie 160
Number of recorded pixels	2016 × 1512		1600 × 1200	1280 × 960	320 × 240	160 × 120
Image Data Size	FINE 1.5 MB	NORMAL 760 KB	620 KB	460 KB	–	–
DPC-16 (16 MB)	10	20	25	33	Approx. 98 sec.	Approx. 5.6 min.
DPC-32 (32 MB)	20	41	50	68	Approx. 199 sec.	Approx. 11.3 min.
DPC-64 (64 MB)	42	82	101	137	Approx. 6.6 min.	Approx. 22.7 min.
DPC-128 (128 MB)	84	166	204	275	Approx. 13.3 min.	Approx. 45.5 min.
DPC-256 (256 MB)	169	332	409	550	Approx. 26.7 min.	Approx. 91.2 min.
DPC-512 (512 MB)	339	665	818	1101	Approx. 53.5 min.	Approx. 182.5 min.

✻ These specifications are subject to change without notice. FUJIFILM shall not be held liable for damages resulting from errors in this Owner's Manual.
✻ The LCD monitor on your digital camera is manufactured using advanced high-precision technology. Even so, small bright points and anomalous colors (particularly around text) may appear on the monitor. These are normal display characteristics and do not indicate a fault with the monitor. This phenomenon will not appear on the recorded image.
✻ The operation error may be caused in a digital camera by the strong radio interference (i. e. electric fields, static electricity, line noise, etc.).
✻ Due to the nature of the lens, the edges of images may appear distorted. This is normal.

Specifications (FinePix A340)

System

Model	Digital camera FinePix A340
Number of effective pixels	4.0 million pixels
CCD sensor	1/2.7 inch square pixel CCD Number of total pixels 4.23 million pixels
Number of recorded pixels	Still image: 2272 × 1704 pixels/1600 × 1200 pixels/1280 × 960 pixels (4M/2M/1M) Movie: 320 × 240 pixels (10 frames per second without sound) 160 × 120 pixels (10 frames per second without sound)
Storage media	**xD-Picture Card** (16/32/64/128/256/512 MB)
File format	Still image: JPEG (Exif ver. 2.2) ✻ Design rule for Camera File System compliant DPOF compatible Movie: AVI format, Motion JPEG
Lens	Fujinon 3 × optical zoom lens, F2.8-F4.8
Aperture	F2.8 to F4.8/F5.6 to F9.5 (automatically selected)
Focal length	f=5.7 mm to 17.1 mm (Equivalent to 38 mm to 114 mm on a 35 mm camera)
Focal range	Normal: Approx. 0.6 m (2.0 ft.) to infinity Macro: Approx. 0.1 m (3.9 in.) to 0.8 m (2.6 ft.)
Shutter speed	2 sec. to 1/2000 sec. (combined with mechanical shutter)
Focus	TTL contrast-type, Auto focus
Sensitivity	Equivalent to ISO100 (at flash off)
Photometry	TTL 64-zones metering
Exposure control	Program AE
Exposure compensation	–2.1 EV to +1.5 EV in 0.3-step increments (in Manual mode)
White balance	Auto Manual modes, 7 positions can be selected
Viewfinder	Real image optical Approx. 80% coverage
LCD monitor	1.5-inches, 60,000-pixel Amorphous silicon TFT, Approx. 90% coverage
Flash	Auto flash Effective range: Wide-angle: Approx. 0.6 m to 3.5 m (2.0 ft. to 11.5 ft.) (Approx. 0.3 m to 0.8 m (1.0 ft. to 2.6 ft.): Macro) Telephoto: Approx. 0.6 m to 3.0 m (2.0 ft. to 9.8 ft.) Flash modes: Auto, Red-Eye Reduction, Forced Flash, Suppressed Flash, Slow Synchro*, Red-Eye Reduction + Slow Synchro* ✻ In Manual mode
Self-Timer	10 sec.
Video output	NTSC/PAL selectable

Input/Output Terminals

Video output socket	2.5 mm dia. jack
(USB) socket	For file transfer to a computer and connection to the optional cradle
DC Input	Socket for specified AC power adapter AC-3V (sold separately) Connection for the AC Power Adapter AC-3VW bundled with the cradle (sold separately)

Power Supply and Others

Power supply

Use one of the following:
- 2×AA-size alkaline batteries
- Rechargeable Battery NH-10 (sold separately)
- 2×AA-size Ni-MH (Nickel-Metal Hydride) batteries (sold separately)
- AC-3VW (PictureCradle CP-FXA10, sold separately)
- AC Power Adapter AC-3V (sold separately)

Guide to the number of available frames for battery operation

Battery Type	With LCD monitor ON	With LCD monitor OFF
Alkaline batteries	Approx. 140 frames	Approx. 220 frames
Rechargeable Battery NH-10	Approx. 220 frames	Approx. 340 frames
Ni-MH batteries 2300 mAh	Approx. 290 frames	Approx. 460 frames

The number of available frames for battery operation given here is a guide to the number of consecutive shots that can be taken under FUJIFILM test conditions.
- Batteries used: alkaline batteries bundled with the camera
  fully charged Ni-MH batteries or the NH-10 Rechargeable Battery
- Shooting conditions: Measured at normal temperature with 50% flash use
- Note: Because the number of available frames that can be taken varies depending on the capacities of alkaline batteries and the amount of charge in Ni-MH batteries or NH-10 Rechargeable Battery, the figures given here for the number of frames that can be taken using batteries are not guaranteed. At low temperatures, fewer pictures can be taken when the camera is running on batteries.

Conditions for use	Temperature: 0°C to +40°C (+32°F to +104°F); 80% humidity or less (no condensation)
Camera dimensions (W/H/D)	104.1 mm × 61.5 mm × 31.3 mm/4.1 in. × 2.4 in. × 1.2 in. (not including accessories and attachments)
Camera mass (weight)	Approx. 145 g/5.1 oz. (not including accessories, batteries and **xD-Picture Card**)
Weight for photography	Approx. 193 g/6.8 oz. (including batteries and **xD-Picture Card**)
Accessories	See P.7
Optional Accessories	See P.73

■ Standard number of available frames/recording time per xD-Picture Card

The number of available frames, recording time or file size varies slightly depending on the subjects photographed. Note also that the divergence between standard number of available frames and the actual number of available frames is greater for **xD-Picture Card**s with higher capacities.

Quality Setting	4M 4M		2M 2M	1M 1M	Movie 320	Movie 160
Number of recorded pixels	2272× 1704		1600 × 1200	1280 × 960	320 × 240	160 × 120
Image Data Size	FINE 1.9 MB	NORMAL 960 KB	620 KB	460 KB	–	–
DPC-16 (16 MB)	8	16	25	33	Approx. 98 sec.	Approx. 5.6 min.
DPC-32 (32 MB)	16	32	50	68	Approx. 199 sec.	Approx. 11.3 min.
DPC-64 (64 MB)	33	66	101	137	Approx. 6.6 min.	Approx. 22.7 min.
DPC-128 (128 MB)	66	132	204	275	Approx. 13.3 min.	Approx. 45.5 min.
DPC-256 (256 MB)	134	266	409	550	Approx. 26.7 min.	Approx. 91.2 min.
DPC-512 (512 MB)	268	532	818	1101	Approx. 53.5 min.	Approx. 182.5 min.

✻ These specifications are subject to change without notice. FUJIFILM shall not be held liable for damages resulting from errors in this Owner's Manual.
✻ The LCD monitor on your digital camera is manufactured using advanced high-precision technology. Even so, small bright points and anomalous colors (particularly around text) may appear on the monitor. These are normal display characteristics and do not indicate a fault with the monitor. This phenomenon will not appear on the recorded image.
✻ The operation error may be caused in a digital camera by the strong radio interference (i. e. electric fields, static electricity, line noise, etc.).
✻ Due to the nature of the lens, the edges of images may appear distorted. This is normal.

Explanation of Terms

Deactivated batteries:
Leaving an Ni-MH battery unused in storage for a long period may cause a rise in the level of substances that inhibit current flow inside the battery and result in a dormant battery. A battery in this state is referred to as deactivated.
Because current flow is inhibited in a deactivated Ni-MH battery, the battery's original level of performance cannot be achieved.

DPOF:
Digital Print Order Format
DPOF is a format used for recording information on a storage media (image memory card, etc.) that allows you to specify which of the frames shot using a digital camera are to be printed and how many prints are made of each image.

EV:
A number that denotes Exposure Value. The EV is determined by the brightness of the subject and sensitivity (speed) of the film or CCD. The number is larger for bright subjects and smaller for dark subjects. As the brightness of the subject changes, a digital camera maintains the amount of light hitting the CCD at a constant level by adjusting the aperture and shutter speed.
When the amount of light striking the CCD doubles, the EV increases by 1. Likewise, when the light is halved, the EV decreases by 1.

Frame rate (fps):
The frame rate refers to the number of images (frames) that are photographed or played back per second. For example, when 10 frames are continuously photographed in a 1-second interval, the frame rate is expressed as 10 fps. For reference, TV images are displayed at 30 fps.

JPEG:
Joint Photographics Experts Group
A file format used for compressing and saving color images. The higher the compression rate, the greater the loss of quality in the decompressed (restored) image.

Memory effect:
If an Ni-MH battery is repeatedly charged without first being fully discharged, its performance may drop below its original level. This is referred to as the "memory effect".

Motion JPEG:
A type of AVI (Audio Video Interleave) file format that handles images and sound as a single file. Images in the file are recorded in JPEG format. Motion JPEG can be played back by QuickTime 3.0 or later.

PC Card:
A generic term for cards that meet the PC Card Standard.

PC Card Standard:
A standard for PC cards determined by the PCMCIA.

PCMCIA:
Personal Computer Memory Card International Association (US).

White Balance:
Whatever the kind of the light, the human eye adapts to it so that a white object still looks white. On the other hand, devices such as digital cameras see a white subject as white by first adjusting the color balance to suit the color of the ambient light around the subject. This adjustment is called matching the white balance.

Exif Print
Exif Print Format is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.

Safety Notes

- To ensure that you use your FinePix A330/FinePix A340 camera correctly, read these Safety Notes and your Owner's Manual carefully beforehand.
- After reading these Safety Notes, store them in a safe place.

About the Icons

The icons shown below are used in this document to indicate the severity of the injury or damage that can result if the information indicated by the icon is ignored and the product is used incorrectly as a result.

⚠ **WARNING**	**This icon indicates that death or serious injury can result if the information is ignored.**
⚠ **CAUTION**	**This icon indicates that personal injury or material damage can result if the information is ignored.**

The icons shown below are used to indicate the nature of the information which is to be observed.

Triangular icons tell you that this information requires attention ("important").

Circular icons with a diagonal bar tell you that the action indicated is prohibited ("Prohibited").

Filled circles with an exclamation mark tell you an action that must be performed ("Required").

⚠ WARNING

If a problem arises, turn the camera off, remove the batteries, disconnect and unplug the AC power adapter.
Continued use of the camera when it is emitting smoke, is emitting any unusual odor, or is in any other abnormal state can cause a fire or electric shock.
- Contact your FUJIFILM dealer.

Unplug from power socket.

Do not allow water or foreign objects to enter the camera.
If water or foreign objects get inside the camera, turn the camera off, remove the batteries and disconnect and unplug the AC power adapter.
Continued use of the camera can cause a fire or electric shock.
- Contact your FUJIFILM dealer.

Do not use the camera in the bathroom or shower.
This can cause a fire or electric shock.

Do not use in the bathroom or shower.

Never attempt to change or take apart the camera. (Never open the casing.)
Do not use the camera when it has been dropped or the casing is damaged.
This can cause a fire or electric shock.
- Contact your FUJIFILM dealer.

Do not disassemble.

Do not change, heat or unduly twist or pull the connection cord and do not place heavy objects on the connection cord.
These actions could damage the cord and cause a fire or electric shock.
- If the cord is damaged, contact your FUJIFILM dealer.

Do not place the camera on an unstable surface.
This can cause the camera to fall or tip over and cause injury.

Never attempt to take pictures while in motion.
Do not use the camera while you are walking or driving a vehicle.
This can result in you falling down or being involved in a traffic accident.

Do not touch any metal parts of the camera during a thunderstorm.
This can cause an electric shock due to induced current from the lightning discharge.

Do not use the batteries except as specified.
Load the batteries with the ⊕ and ⊖ marks.

Safety Notes

⚠ WARNING

Do not heat, change or take apart the batteries.
Do not drop or subject the batteries to impacts.
Do not attempt to recharge lithium or alkaline batteries.
Do not store the batteries with metallic products.
Do not use chargers other than the specified model to charge the batteries.
Any of these actions can cause the batteries to burst or leak and cause fire or injury as a result.

Use only the batteries or AC power adapters specified for use with this camera.
Do not use voltages other than the power supply voltage shown.
The use of other power sources can cause a fire.

If the battery leaks and fluid gets in contact with your eyes, skin or clothing. Flush the affected area with clean water and seek medical attention or call emergency number right away.

Do not use the charger to charge batteries other than those specified here.
The charger is designed for Fujifilm HR-3UF Ni-MH batteries. Using the charger to charge conventional batteries or other types of rechargeable batteries can cause the battery to leak fluid, overheat or burst.

When discarding or storing batteries, cover the battery terminals with insulation tape.
- Contact with other metallic objects or batteries could cause the batteries to ignite or burst.

Keep xD-Picture Cards out of the reach of small children.
Because **xD-Picture Card**s are small, they can be swallowed by children. Be sure to store **xD-Picture Card**s out of the reach of small children. If a child swallows an **xD-Picture Card**, seek medical attention or call emergency number.

⚠ CAUTION

Do not use this camera in locations affected by oil fumes, steam, humidity or dust.
This can cause a fire or electric shock.

Do not leave this camera in places subject to extremely high temperatures.
Do not leave the camera in locations such as a sealed vehicle or in direct sunlight. This can cause a fire.

Keep out of the reach of small children.
This product could cause injury in the hands of a child.

Do not place heavy objects on the camera.
This can cause the heavy object to tip over or fall and cause injury.

Do not move the camera while the AC power adapter is still connected. Do not pull on the connection cord to disconnect the AC power adapter.
This can damage the power cord or cables and cause a fire or electric shock.

Do not use the AC power adapter when the plug is damaged or the plug socket connection is loose.
This could cause a fire or electric shock.

Do not cover or wrap the camera or the AC power adapter in a cloth or blanket.
This can cause heat to build up and distort the casing or cause a fire.

When you are cleaning the camera or you do not plan to use the camera for an extended period, remove the batteries and disconnect and unplug the AC power adapter.
Failure to do so can cause a fire or electric shock.

When charging ends, unplug the charger from the power socket.
Leaving the charger plugged into the power socket can cause a fire.

Using a flash too close to a person's or animal's eyes may temporarily affect the eyesight.
Take particular care when taking pictures of children or animals.

When an xD-Picture Card is removed, the card could come out of the slot too quickly. Use your finger to hold it and gently release the card.

Request regular internal testing and cleaning for your camera.
Build-up of dust in your camera can cause a fire or electric shock.
- Contact your FUJIFILM dealer to request internal cleaning every 2 years.

Memo

FUJIFILM

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